

62

*Twenty-fifth Anniversary*

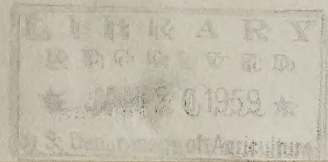


SCARLET LUSTRE PAGE 18



**1959**

*Gloeckner*  
**FLOWER  
SEEDS**



SATELLITE PAGE 17

*Fred C. Gloeckner & Co., Inc.  
New York 10, N.Y.*





# Gloeckner

# FLOWER SEEDS



## BUSINESS TERMS:

**ON OPEN ACCOUNT:** (Flower Seeds Only). For customers of Approved Credit 60 Days Net. The following discounts will be allowed on orders paid within 10 days: \$5.00 to \$25.00 2%—\$25.00 to \$100.00 5%—\$100.00 to \$300.00 8%—\$300.00 or more 10%.

**CASH OR C.O.D. ORDERS:** (Flower Seeds Only). Under \$5.00 net—\$5.00 to \$25.00 5%—\$25.00 to \$100.00 8%—\$100.00 to \$300.00 10%—\$300.00 or over 12%.

Prices in this catalog are subject to change without notice . .

All goods are offered subject to Crop Failures, Shortages or other causes beyond our control, and to being unsold on receipt of order . . . The prices in this catalog are for the trade only. For your own protection do not loan this catalog to anyone not entitled to Florist or Wholesale prices . . . Unknown correspondents desiring to open an account are requested to furnish three trade references with whom they have had credit relations.

**WARRANTY AND LIMITATION OF LIABILITY:** Subject to the limitations of liability herein set forth, we warrant that the seeds or bulbs sold are as described on the container, within recognized tolerances. Our liability on this warranty is limited in amount to the purchase price of the seeds or bulbs. In no event shall we be liable for the crop, or for any loss due to the failure, impairment or quality thereof or varietal variance therein, whether such loss results from breach of the foregoing warranty, from breach of any other provision of the buyer's contract for purchase of said seeds or bulbs, or from any other cause.



**ANTIRRHINUM PANORAMA MIXED**

SEE PAGE 4



**Fred C.**  
**Gloeckner**  
&  
**Company.**  
**Incorporated**

15 EAST 26th STREET  
NEW YORK 10, NEW YORK  
Telephone ORegon 9-6460 - 6461

*Gloeckner*

seeds, bulbs, plants and cuttings are selected with diligent care as to type, productiveness and freedom from disease so that you may have the best with which to build your prospective crops. Our interest in you and your crops by no means ends with the sale. We are more than anxious to have the materials we sell, grow and prove profitable to you.



**CINERARIA**  
**SITERS HYBRIDS PAGE 10**





# Gloekner

# FLOWER SEEDS



## ANTIRRHINUM *Snapdragons*

## GREENHOUSE STRAINS

### PINK AND ROSE

Tr. Pkt.

• Anne Marie—Bright medium pink .....	\$3.50
• Christina—Light salmon pink .....	3.50
• Crusader—Light rose .....	3.50
• Gay Time—Rose pink (Summer) .....	3.50
• Hercules—Light pink for spring .....	3.50
• Hoffman's Summer Pink—(New) .....	3.50
• Jackpot—Medium deep rose .....	3.50
• Libby—Dark rose pink .....	3.50
• Mary Ellen—Early light rose pink .....	2.00
• Maryland Flamingo Pink—(New)—Bright salmon rose .....	3.50
• Maryland Pink Improved—Early light pink.....	3.50
• Nashua—Light rose .....	3.50
• Native Dancer—Light rose .....	3.50
• New Times—Bright rose .....	3.00
• Pensive—Dark rose pink .....	3.50
• Pink Ice—Bright pink with lighter lips .....	3.50
• Pompey—Light rose pink .....	3.50
• Prestige—Dark pink .....	3.50
• Rebecca—Light pink hybrid .....	3.50
• Rosebud—Pastel pink .....	3.50
• Rockwood Early Hybrid Pink—Pink shades.....	3.50
• Rockwood's Lavender Rose .....	2.00
• Rockwood's Summer Pink No. 1 .....	3.00
• Rockwood Pink Supreme—Brilliant rose pink.....	2.00
• Rowenna—Light rose .....	3.50
• Spartan Rose—Rose-pink hybrid, flowers with Margaret .....	3.00
• Summer Jewel—Deep pink (Summer) .....	3.50
• Top Flight—Light rose pink .....	3.50
• Wintergreen—Light rose .....	3.50
• Whirlaway—Light pink slightly deeper than Mary Ellen .....	3.50

### RED

Tr. Pkt.

• Commando—Early red .....	\$3.50
• Man-O-War—Intense red .....	3.50
• Maryland Red .....	3.50
• Navajo—Good all-purpose red .....	3.50
• Priscilla Ann—Early hybrid crimson .....	3.50
• Rockwood's Summer Red .....	3.00

### BRONZE AND ORANGE

Tr. Pkt.

• Barbara—Dark bronze .....	\$3.50
• Cavalcade—Lively golden bronze .....	3.50
• Gallant Fox—Deep orange bronze .....	3.50
• Jubilee—Light bronze .....	3.50
• Maryland Orange .....	3.50

### LAVENDER

Tr. Pkt.

• Bold Venture—Dark lavender .....	\$3.50
• Kretschmar's Lavender—Short-growing Winter lavender .....	3.00
• Lavender Lady—Deep rosy-lavender .....	3.50
• Small's Lavender—Clear medium lavender .....	3.00
• Windmill's Lilac—Excellent orchid color .....	2.00

### WHITE

Tr. Pkt.

• Albion—Paper white .....	\$3.50
• Apollo—Ivory white similar to Margaret .....	3.50
• Citation—Ivory white .....	3.50
• Crystal White—Paper white (Summer) .....	3.50
• Hoffman's Summer White—(New) .....	3.50
• Ivory Tower—Ivory white .....	3.50
• Jet Pilot—Medium early paper white .....	3.50
• Margaret—Ivory white .....	2.00
• Maryland White—Improved true paper white.....	3.50
• Potomac White—(Summer) .....	3.50
• Rockwood Hybrid White No. 5 .....	3.50
• Snowman—Excellent pure white for winter and spring .....	3.50
• Spartan White—Mid-winter pure white .....	3.00
• Twenty Grand—Medium early ivory white .....	3.50
• Rockwood's Crystal White (Summer) .....	3.00
• White Knight—Improved paper white .....	3.50
• White Skies—Pure white (Summer) .....	3.50

### YELLOW

Tr. Pkt.

• Broker's Tip—Deep yellow .....	\$3.50
• Dark Star—Clear yellow (Summer) .....	3.50
• Gold Rush—Early golden yellow .....	3.50
• Golden Spike—Rich deep golden yellow.....	3.50
• Potomac Yellow—(Summer) .....	3.50
• Patricia—Yellow .....	3.50
• Rockwood's Canary Yellow .....	3.00
• Rockwood's Summer Yellow—Fairly-deep yellow .....	3.00
• Seabiscuit—Yellow .....	3.50
• Spiwaks Yellow .....	3.50
• Swaps—Yellow .....	3.50
• War Admiral—Yellow .....	3.50

• Indicates Hybrid Varieties

TURN PAGE FOR YODER BROS. HYBRIDS





Gloeckner

FLOWER SEEDS



## ANTIRRHINUM *Snapdragons*

### PINK

**Rowenna**—Winter and spring flowering pink. The earliest of the Yoder pink hybrids. Florets are compact, held upright displaying color and bunching to maximum advantage. Efficient growers will appreciate the quality, earliness and uniformity of Rowenna.

**\*Nashua**—Light rose pink hybrid. **Fast winter and early spring flowering traits.** Normally crops ten days to two weeks earlier than Rosebud in January and February. Highly shatterproof, the large ruffled florets are borne compactly on hard, clean stems. Responds well under low light, low temperature environments with optimum temperature about 46°. Maximum value January through March where it exceeds existing standards for earliness, vibrant color and beauty in spike and floret form.

**Wintergreen**—Winter and spring pink. Stiff, wiry stems, no grassiness, and compact long spikes are Wintergreen's major assets. Dependable performance in winter and spring. Lovely, smooth color devoid of yellow face. A Christina color with speed, vigor and uniformity.

**Top Flight**—Winter and spring pink. A more uniform, earlier Christina. Large rose pink florets. When benched together with Rowenna the variety Top Flight maintains a valuable continuity of high grade pink.

**Rosebud**—Winter and spring pink. Large ruffled florets on long, compact spikes of luminous pink that holds well into early May. Repeated tests prove Rosebud to be close to or the best pink available to the winter and spring programs. Beauty and vigor combine to make Rosebud a must on any list.

**Crusader**—Late winter, early spring flowering pink. Color and season close to that of Dorcas Jane.

**Whirlaway**—Winter and spring pink. Color of Maryland Pink with a large floret brightened by a splash of yellow on the tips. Not heavy but strong and wiry. Performs best at the lower temperature levels.

**Native Dancer**—Winter and spring flowering rose pink. Extreme vigor with exceptionally long spikes. Winter through spring the variety will follow Rosebud by about 10 days. Achieves a new standard for winter vigor and long spikes with a large number of open florets.

### MEDIUM TO DARK PINK

**Prestige**—Late winter flowering medium pink. A new, lively color in Yoder snaps. Thrives best with cool, slow growth. Wiry stiff stems.

**Pensive**—Winter flowering deep pink. Ruffled florets. Just follows Christmas Cheer.

**\*Pompey**—Winter and spring flowering medium pink. Free, vigorous growth and long spikes of a smooth, beautiful deep rose pink. Well known for its uniformity and dependable, efficient performance.

### IVORY WHITE

**\*Citation**—Winter and spring ivory white. Large ruffled florets. Compact spacing with long spikes. Outstanding uniformity and vigor. The most profitable snap programs grow high percentages of Citation.

**Apollo**—Late winter and spring ivory white. Well known for its vigor, hard clean stems and upright floret placement on long spikes. A vigorous improvement on Margaret.

**Twenty Grand**—Late winter and spring ivory white. The whitest ivory grown. Long, graceful, tapering spikes with ruffled upright, compact florets. Tall and vigorous. The best spring programs count heavily on Twenty Grand.

## YODER BROS. HYBRIDS

\$3.50 Per Packet (2000 Seeds)

### WHITE

**Jet Pilot**—Winter paper white. Clean growth habit with a shatterproof spike. Cannot be forced. Thrives with low temperatures, unchecked growth and good light conditions. Very early and uniform.

**\*White Knight**—True winter and spring paper white. Combines earliness, vigor, purity of color and long spikes to excellent advantage over presently available whites. Tolerant of low temperatures and shatterproof. A must have for discriminate growers.

**\*Albion**—Winter and spring paper white. When benched with White Knight, Albion maintains a good continuity of paper white by flowering 10-14 days later. Equal in all respect. Long, tapering spikes with graceful tip-bud development are important assets.

### YELLOW

**\*Swaps**—Fast, true winter flowering yellow hybrid. About two weeks earlier than War Admiral in January and February. Outstanding for its large, compactly spaced florets which are nearly twice as large as War Admiral. Very tolerant of low temperature. Optimum about 46°. Earliest and most efficient of the known yellow hybrids. Flowering is uniform on clean, hard stems. Spikes are of medium length with large diameter. Recommended for January through April. Mid September plantings normally crop right for mid January. Prime assets are its large, showy florets, a low temperature tolerance, and fast dependable crops.

**\*War Admiral**—Winter and spring yellow. For efficiency, uniformity and dependable fast performance few yellows equal War Admiral; none known exceed it. Has a good long spike with high, tapering tip bud development.

**\*Seabiscuit**—Winter and spring yellow. Follows War Admiral and maintains continuity of quality yellow. Tolerant to low temperature, productive and uniform.

**Broker's Tip**—Winter and spring yellow. Heaviest and latest of the yellow trio. Tolerates early winter and late spring high temperatures and can be carried into early summer. Stiff clean stems with compact floret placement. Growers will find that in any race this thoroughbred finishes profitably.

### BRONZE

**\*Gallant Fox**—Winter and spring bronze. Popular deep orange coloration. Earlier and more uniform when compared with Barbara. A must have whenever bronze is grown.

**\*Cavalcade**—Winter and spring golden bronze. Clean, efficient growth habit. Lively golden orange that has few equals for uniform production of long tapered spikes.

### RED

**\*Commando**—Early winter and spring copper red. A new and pleasing color approaching the scarlet red of a carnation. Early and low temperature tolerant. A moderate percentage of red always gives good seasonal advantages.

**\*Man-O-War**—Winter and spring intense red. Large florets with compact placement. Stocky, clean growth. A fire-ball for Christmas with keen demand through Valentine Day.

### LAVENDER

**\*Bold Venture**—Early winter and spring deep lavender. Close to a rich magenta or purple. Medium florets with long spikes. Hard stemmed and uniform. Fine contract variety.

The starred (\*) varieties possess additional traits of efficiency in their earliness, low temperature performance and ability to produce profitable crops at minimum cost.



## YODER BROS.

## HIGH TEMPERATURE VARIETIES

\$3.50 per packet

## WHITE

**WHITE SKIES**—A pure white high temperature or summer hybrid. Highly shatterproof. Quite tall and vigorous. Best described as a summer White Knight. About one week later than Rockwood's Crystal White normally producing a high percentage of longer grade spikes with good tapering tip-buds. This variety should add much incentive to the production of profitable summer snaps. Recommended for June through September in the greenhouse or cloth house.

**CRYSTAL WHITE (Yoder Strain A)**—A paper white high temperature or summer inbred. A long period of re-selection on Rockwood's Crystal White has resulted in this taller, more uniform strain. Floret spacing is generally more compact. Will not shatter. Can be recommended for June through September in the greenhouse or cloth house.

## PINK

**GAY TIME**—A rose pink high temperature or summer hybrid. Habit is free of lateral growth. Vigor is good with hard stem and long spike. Very uniform. Seven to fourteen days earlier than Rockwood's Summer Pink. Floret larger than average for summer varieties. Recommended for June through September in the greenhouse or cloth house.

**SUMMER JEWEL**—A deep pink high temperature or summer hybrid. Color is a shade deeper than Rockwood's Summer Pink. Flowering is 5-7 days later. Vigor, uniformity, stem strength and spike length generally improve that variety. The floret spacing is more compact and somewhat less spiralled. Recommended for June through September in the greenhouse or cloth house. Will not shatter.

## YELLOW

**DARK STAR**—A clear yellow high temperature or summer hybrid. Uniformity and vigor markedly improve Rockwood's Summer Yellow. Five to seven days earlier with deeper color. Floret spacing is compact. Growth is clean and variety is not subject to high temperature burn. Recommended for greenhouse June through September.

## CULTURAL RECOMMENDATIONS

1. **Sowing time and temperature.** In the early spring, given a 60° temperature, the minimum time sow to direct bench is five weeks. At higher temperatures three to four weeks are required.
2. **Bench to cut.** Single stem June through mid-July crops require twelve to ten weeks. Later crops flower in ten to eight weeks.
3. **Spacing.** Single stem culture at spacing of approximately 4" x 4" are recommended.
4. **No shading** of the glass can be recommended. Full exposure to summer sun has always been used in previous years of testing with the possible exception of protection immediately after benching.
5. Based on direct benching, our general experience on timing in the greenhouse is:

Sow	Bench	Flower
February 4	March 11	June 17
April 8	May 6	July 15
May 20	June 17	August 19
June 17	July 15	September 16

## EFFICIENCY IN SNAPDRAGON VARIETIES

The classification of snapdragon varieties should be based on their response to a given temperature.

Many of our so-called winter-flowering varieties are outstanding in the spring program. Many of the so-called spring varieties can be flowered in winter if the higher proper temperature and longer timing environments are provided. The summer, high temperature group requires the higher temperatures for maximum performance.

Given night minimums of 46° the first, **fast group** tolerates the low temperature and produces high quality to most efficient advantage. The second, **intermediate group** flowers very slowly and frequently unevenly. The third, **slow group** often goes blind or becomes extremely negative.

Given night minimums of 50° the **fast group** flowers rapidly. Under low light conditions spikes are often too short and non-continuous. With the brighter days of early spring, performance is markedly improved. The **intermediate group** requires this minimum for winter flowering and tolerates well somewhat higher temperatures for spring crops. The **slow group** continues to vegetate.

Given night minimums of 54° and higher the **fast group** is forced too rapidly with premature flowering on shortened, thin stems. The **intermediate varieties** also mature too rapidly. Short spikes and lowered quality are the result. The **slow group** elongates uniformly and achieves maximum performance with this environment.

True hybrid vigor in snapdragons must include more than just increased production, through rapid growth and uniformity. The starred (\*) varieties in the tables below possess additional traits of efficiency in their earliness, low temperature performance and ability to produce profitable crops at minimum cost.

## RECOMMENDED FLOWERING PERIODS

Variety	Response Group	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>PINK</b>							
*Rowenna	Fast	x x	x x	x x	x x	x x	
*Nashua	Fast		x x	x x	x x		
*Wintergreen	Fast	x x	x x	x x	x x	x x	x
*Top Flight	Fast		x x	x x	x x	x x	x
*Rosebud	Fast	x x	x x	x x	x x	x x	x
Crusader	Fast		x	x x	x x	x x	
*Whilaway	Fast		x x	x x	x x	x x	
Native Dancer	Inter.	x x	x x	x x	x x	x x	x
<b>MEDIUM TO DARK PINK</b>							
Prestige	Fast			x x	x x	x x	
Pensive	Fast		x x	x x	x x		
*Pompey	Fast		x x	x x	x x	x x	
<b>IVORY WHITE</b>							
*Citation	Fast	x x	x x	x x	x x	x x	x
Apollo	Inter.		x	x x	x x	x x	x
Twenty Grand	Inter.		x	x x	x x	x x	x
<b>WHITE</b>							
Jet Pilot	Fast		x x	x x	x x		
*White Knight	Fast	x	x x	x x	x x	x x	
*Albion	Fast	x	x x	x x	x x	x x	x
<b>YELLOW</b>							
*Swaps	Fast		x x	x x	x x	x x	
*War Admiral	Fast	x x	x x	x x	x x	x x	x
*Seabiscuit	Fast	x x	x x	x x	x x	x x	x
Broker's Tip	Inter.	x x	x x	x x	x x	x x	x x
<b>BRONZE</b>							
*Gallant Fox	Fast		x x	x x	x x	x x	x
*Calvalcade	Fast		x x	x x	x x	x x	x
<b>RED</b>							
*Commando	Fast	x	x x	x x	x x	x	
*Man-O-War	Fast	x	x x	x x	x x	x	
<b>LAVENDER</b>							
*Bold Venture	Fast	x	x x	x x	x x	x	

## TIMETABLE FOR SNAPDRAGON FLOWERING SCHEDULES

(60° minimum sowing temperature)			(46-48° minimum growing temperature)		
Response Group	Sow	Plant	Spacing	Flowering	
Fast	8/13	8/30	4 x 5	Dec. 13 — Jan. 1	
	8/23	9/13	4 x 5	Dec. 27 — Jan. 15	
	8/30	9/20	4 x 5	Jan. 10 — Jan. 29	
	9/2	9/23	4 x 5	Jan. 24 — Feb. 12	
	9/6	9/27	4 x 5	Feb. 7 — Feb. 26	
	9/13	10/4	4 x 5	Feb. 21 — Mar. 12	
	9/17	10/11	4 x 4	Mar. 7 — Mar. 19	
	9/24	10/18	4 x 4	Mar. 21 — Apr. 2	
	10/1	10/25	4 x 4	Apr. 4 — Apr. 16	
	11/8	12/6	4 x 4	Apr. 18 — Apr. 30	
	12/24	1/24	4 x 4	May 2 — May 14	
	1/7	2/7	4 x 4	May 16 — May 28	
Intermediate	8/13	8/30	4 x 5	Jan. 10 — Jan. 29	
	8/23	9/13	4 x 5	Jan. 24 — Feb. 12	
	8/30	9/20	4 x 5	Feb. 7 — Feb. 26	
	9/2	9/23	4 x 5	Feb. 21 — Mar. 12	
	9/6	9/27	4 x 4	Mar. 7 — Mar. 19	
	9/13	10/4	4 x 4	Mar. 21 — Apr. 2	
	9/17	10/11	4 x 4	Apr. 4 — Apr. 16	
	9/24	10/18	4 x 4	Apr. 18 — Apr. 30	
	10/1	10/25	4 x 4	May 2 — May 14	
	11/8	12/6	4 x 4	May 16 — May 28	
	12/24	1/24	4 x 4	May 30 — June 4	





*Gloeckner*

**FLOWER SEEDS**



# ANTIRRHINUM *Snapdragons*

# OUTDOOR STRAINS

## F2 PANORAMA STRAIN

This is an F2 generation strain, bred to withstand hot weather and produce good cut flowers during the summer months. Ideal for cutting, home arrangements and decoration. The strong sturdy seedlings are excellent for flats and bedding plant sales. Plants grow to a height of 36 inches, varying of course upon the area in which they are grown. The spikes range from 8 to 12 inches with perfect florets as shown in the photograph at right.

Rose	Red
Pink	Lavender
Ivory	Bronze
Yellow	Mixture

Tr. Pkt. \$1.00      ¼ oz. \$3.00      Oz. \$9.00



## MAJUS-MAXIMUM GRANDIFLORUM

(Approx. 200,000 seeds per oz.)

- Alaska**—(Snowflake)—White
- Canary Bird**—Canary yellow
- Cherry Rose**—A new bright color
- Copper Queen**—Bronzy copper blending to antique gold at the nose
- Crimson**—Fiery crimson
- Orange Shades**—Deep to light orange
- Pinkie**—Clear rose
- Rosalie**—Rich deep rose; underlying tone of topaz or amber
- Yellow Giant**—Deep yellow
- Mixed**

### PRICE OF THE ABOVE VARIETIES

Tr. Pkt. \$ .40    ¼ oz. \$ .70    ¼ oz. \$1.25    Oz. \$3.75

## F2 GENERATION HYBRIDS

(Approx. 200,000 seeds per oz.)

- Kings Court Mixed**—Free flowering, tall and vigorous containing a complete range of colors.
- Mardi Gras Mixed**—Early husky plants in a well blended mixture of colors.

Tr. Pkt. \$ .50    ¼ oz. \$ .70    ¼ oz. \$1.25    Oz. \$3.75

## DWARF GRANDIFLORUM

(Approx. 200,000 seeds per oz.)

- Avalanche**—Pure white
- Golden Monarch**—Golden yellow
- Orange Glow**—Orange
- Red Emperor**—Rich deep scarlet
- Rose Eclipse**—Rose pink
- Royal Rose**—Deep rose
- Saint George**—Orange cerise
- Finest Mixed**

### PRICE OF THE ABOVE VARIETIES

Tr. Pkt. \$ .50    ¼ oz. \$ .85    ¼ oz. \$1.50    Oz. \$5.50





## GIANT RUFFLED TETRAPOID

(Approx. 104,000 seeds per oz.)

One of the most satisfactory outdoor snaps. Almost never crippled with rust. Blooming size plants are tall with thick stems which keep the spikes erect and the tips straight. Flowers large, mostly ruffled.

**Candlelight**—Bright yellow

**Crimson**—Deep velvety crimson

**Pink Shades**—Pink to deep rose

**Sunset**—Bronze, pink, primrose

**Talisman Hybrids**—Blend of gold, scarlet and orange  
**White**

### PRICE OF THE ABOVE VARIETIES

Tr. Pkt. \$ .60    1/8 oz. \$1.50    1/4 oz. \$2.75    Oz. \$8.25

**Superfine Mixture** — (Tetra Snaps), erect and husky growth, medium tall with huge ruffled florets in many colors and bicolors, some veined.

Tr. Pkt. \$ .50    1/8 oz. \$1.25    1/4 oz. \$2.25    Oz. \$6.75

## SNAPDRAGON CULTURE

### SOIL PREPARATION

A loose, porous soil containing about one-fourth peat moss by volume has been satisfactory in many ranges. Add four or five pounds of superphosphate per 100 square feet of bench area before planting. Thoroughly steam sterilize at least once a year, preferably after cutting off the summer flowering crop. Make sure the soil is uniformly moist and that a temperature of 180 deg. F. is maintained for at least one-half hour. Over-steaming will not harm the soil.

### SEED GERMINATION

Snapdragon seeds should germinate in about seven days from the time they are sown. Maintain a constant temperature of 65 to 70 deg. F. and keep the medium uniformly moist especially the top one-half in the flat.

Use neutral peat which has been shredded and screened, or any other loose, porous mixture for your propagating medium. For surest results, the mixture should be steam sterilized in the flats before sowing the seeds. When the seeds have germinated, give them increasingly more sun and ventilation.

### DIRECT BENCHING

Consistently good results have been obtained by direct benching from seedling flats. You can do this safely about three weeks from the sowing date. Direct benching saves time and labor and invariably results in more vigorous plants, since there is no hardening or check in growth as sometimes happens when seedlings have been banded or potted.

### FERTILIZATION

Maintain a level of about 20 ppm nitrogen and potash (Spurway) during the early stages of growth. Gradually taper off nitrogen feedings when spikes appear. Liquid feedings of 15-30-15, 20-20-20, etc., one every two weeks, are adequate at the rate of one ounce in five gallons of water (one-half pound per 100 gallons).

Summer-flowering crops should be fed heavier than the above schedule to keep pace with the faster rate of growth.

## ASTERS

(Approx. 12,000 seeds per oz.)

### BODGER'S WILT-RESISTANT STRAINS QUEEN OF THE MARKET

These well-known early flowering Asters are of branching habit, about 20" tall, blooming mid-July.

<b>Azure Blue</b>	<b>Light Blue or Lavender</b>
<b>Ballet Queen</b> —Deep	<b>Peach Blossom</b> —
salmon rose	Flesh pink
<b>Crimson</b>	<b>Rose</b>
<b>Dark Blue or Purple</b>	<b>White</b>
	<b>Finest Mixed</b>

### AMERICAN BRANCHING

Plants 2 to 2½ feet tall, branching, robust, flowers large, double and fine form. Flowers late August and early September.

<b>Azure Blue or Dark</b>	<b>Peach Blossom</b>	<b>Shell Pink</b> —
<b>Lavender</b>	<b>Purple</b>	(Mary Semple)
<b>Heart of France</b> —	<b>Rose</b>	<b>White</b> —Extra select,
Scarlet crimson	<b>Sensation</b> —	long stems
	Deep crimson	<b>Finest Mixed</b>

### EARLY ROYAL BRANCHING

Plants branching 2 to 2½ feet, blooming mid-August, directly following the Queen of the Market.

<b>Azure Blue or Dark</b>	<b>Peach Blossom</b>	<b>White</b>
<b>Lavender</b>	<b>Purple</b>	<b>Finest Mixed</b>
<b>Deep Rose</b>	<b>Shell Pink</b>	
Tr. Pkt.	1/4 oz.	Oz.
1/4 lb.		

PRICES ABOVE: \$ .40    \$ .65    \$2.00    \$7.00

### VARIOUS RESISTANT VARIETIES

<b>Ball Deep Rose</b> —Royal—Bright deep rose,	Tr. Pkt.	1/4 oz.	Oz.
2½ to 3 feet branching. Mid-August.....	\$ .40	\$ .65	\$2.00
<b>Ball Purple</b> — Royal — Deep bright purple,			
2½ to 3 feet branching. Late August.....	.40	.65	2.00

### SINGLE CHINENSIS (Wilt Resistant)

Plants 1½ to 2 feet tall, flowers daisylike, petals wide and closely placed, blooms in late August.

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
<b>Branching Single Rainbow Mixed</b> .....	\$ .30	\$ .45	\$1.50	\$5.00
<b>Upright Single Rainbow Mixed</b> .....	.30	.45	1.50	5.00

### GIANT PRINCESS (Wilt Resistant)

A new giant strain of this very attractive Aster. Makes a good cut flower.

<b>Cissa</b> —Bright Crimson	<b>Gabriele</b> —Peach Blossom
<b>Edeltraud</b> —Cream	<b>Sonja</b> —Salmon Pink with
<b>Eva</b> —Dark Blue	Gold

Tr. Pkt.	1/4 oz.	Oz.
1/4 lb.		

PRICES ABOVE: \$1.00    \$1.50    \$4.50



**ASTERS—(Continued from Page 5)****EARLY BEAUTY**  
**(Improved American Beauty)**

Blooms from August and continues until frost. The large and double flowers are produced on long heavy stems; plants 2 to 3 feet high.

<b>Azure Fairy</b> — Dark lavender	<b>September Beauty</b> — Shell pink		
<b>Crimson</b>	<b>Silver Rose</b>		
<b>Deep Rose</b>	<b>White</b>		
<b>Purple</b>	<b>Finest Mixed</b>		
Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
<b>PRICES ABOVE: \$ .50</b>	<b>\$ .90</b>	<b>\$3.00</b>	<b>\$10.00</b>

**DWARF QUEEN**

Early-flowering, 10-inch tall plants. Dwarf base-branching plants with large flowers produced in abundance. For pot plants must be grown under additional light in the spring, the same as any Royal type used as a cut flower. Can be grown either one plant or three per five or six inch pot. Sufficient feeding and spacing is essential.

<b>Crimson</b> —Crimson red	<b>Light Blue</b> —Lilac blue		
<b>Deep Blue</b> —Violet blue	<b>Rose</b> —Rose pink		
<b>Deep Scarlet</b> —Bright deep scarlet	<b>White</b> —Pure white		
	<b>Mixed</b>		
Tr. Pkt.	1/4 oz.	Oz.	
<b>PRICES ABOVE: \$ .50</b>	<b>\$1.50</b>	<b>\$4.50</b>	

**SHAGGY TYPES**

The interlaced petals of the Asters in this group produce an attractive fluffy or shaggy flower that you will find distinctive and popular.

**EARLY GIANT**

Flowers are of the large Giant of California type, while the plants are shorter, about 1½ feet in height. This class is early blooming, coming into flower by the first week in September.

<b>Azure Blue</b>	<b>Peach Blossom</b>		
<b>Crimson</b>	<b>Rose Marie</b> —Rich rose		
<b>Light Blue</b>	<b>White</b>		
	<b>Mixed</b>		
Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
<b>PRICES ABOVE: \$ .50</b>	<b>\$1.25</b>	<b>\$3.75</b>	<b>\$21.50</b>

**IMPROVED CREGO**

Plants robust, branching about 2½ feet tall, flowers large, double and well formed, one of the finest varieties for all purposes. Blooming mid-August.

<b>Azure Blue</b>	<b>Peach Blossom</b>		
<b>Blue Flame</b> —Rich blue	<b>Shell Pink</b>		
<b>Crimson</b>	<b>Purple or Dark Blue</b>		
<b>Deep Rose</b>	<b>White</b>		
<b>Light Blue</b> —Lavender	<b>Finest Mixed</b>		
Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
<b>PRICES ABOVE: \$ .40</b>	<b>\$ .65</b>	<b>\$2.00</b>	<b>\$7.00</b>

**FLORIST STRAIN (Wilt Resistant)**

Bred especially for off-season crops under glass. Stems are long and strong, and the long-lasting flowers often measure 4 inches across. Seed is produced each year from specially selected line-bred planting stock.

<b>Azure Ball</b> —Fully double light blue.	
<b>Early Pink Ball</b> —Light shell pink. Week earlier than Pink Ball.	
<b>Pink Ball</b> —Large 3½ to 4-inch double flowers on long stems. Rarely shows any center. Blooms mid-August. Excellent flowered under lights in early spring. Needs little disbudding as laterals are few.	
<b>Phlox Ball</b> —Double medium large flower of a soft peach blossom pink color.	
<b>Rose Ball</b> —Fully double flowers of a good rich rose. Flowers large and solid.	
<b>Purple Ball</b> —Similar to Rose Ball, but good deep purple.	
<b>White Ball</b> —The large pure white flowers of this new Aster are exceptionally double and borne on stiff stems. Blooms late August.	

**PRICES ABOVE:**

Tr. Pkt. <b>\$1.75</b>	1/4 oz. <b>\$3.00</b>	1 oz. <b>\$9.60</b>
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**BOUQUET TYPE**

Wilt-resistant—Long stems and large flowers. A good upright class of branching Aster developed for cut flowers.

	Tr. Pkt.	1/4 oz.	Oz.
<b>Azure</b> .....	<b>\$ .50</b>	<b>\$1.50</b>	<b>\$4.50</b>
<b>Crimson</b> .....	<b>.50</b>	<b>1.50</b>	<b>4.50</b>
<b>Peach</b> .....	<b>.50</b>	<b>1.50</b>	<b>4.50</b>
<b>Purple</b> .....	<b>.50</b>	<b>1.50</b>	<b>4.50</b>
<b>Rose</b> .....	<b>.50</b>	<b>1.50</b>	<b>4.50</b>
<b>Scarlet</b> .....	<b>.50</b>	<b>1.50</b>	<b>4.50</b>
<b>White</b> .....	<b>.50</b>	<b>1.50</b>	<b>4.50</b>
<b>Powderpuffs</b> — Mixed .....	<b>.50</b>	<b>1.50</b>	<b>4.50</b>

**CONTINUOUS FLOWERING OF ASTERS**

Sow Seeds	Pot Seedlings	Bench Plants	Flowering Date Approximate
<b>Dec. 10</b>	<b>Jan. 10</b>	<b>March 1</b>	<b>May</b>
<b>Feb. 1</b>	<b>Feb. 20</b>	<b>April 1</b>	<b>June</b>
<b>March 15</b>	<b>April 10</b>	<b>May 15</b>	<b>July</b>
<b>April 20</b>	<b>May 10</b>	<b>June 15</b>	<b>August</b>
<b>May 20</b>	<b>June 10</b>	<b>July 15</b>	<b>September</b>
<b>June 10</b>	<b>July 1</b>	<b>Aug. 15</b>	<b>October</b>
<b>June 20</b>	<b>July 15</b>	<b>Aug. 20</b>	<b>November</b>
<b>July 10</b>	<b>Aug. 1</b>	<b>Sept. 1</b>	<b>December</b>
<b>July 15</b>	<b>Aug. 10</b>	<b>Sept. 15</b>	<b>January</b>
<b>August 15</b>	<b>Sept. 10</b>	<b>Nov. 1</b>	<b>February</b>
<b>Sept. 10</b>	<b>Oct. 1</b>	<b>Dec. 1</b>	<b>March</b>
<b>Oct. 20</b>	<b>Nov. 15</b>	<b>Jan. 1</b>	<b>April</b>

Plants must be given additional light between September 1 and May 1 regardless if they are in seed flats or in the bench. If the plants are not lighted while in small pots, they develop a rosette of leaves and growth of the stem and flowers is delayed. Plants should be lighted until the first flowers show color.

Low wattage bulbs will suffice for additional light. On a four-foot bench, 40-watt lamps spaced 6 feet apart and about 24 inches above the plants will give ample light for this crop. Spacing is usually 8 x 8 inches in the bench and a 50° night temperature is essential.

**ADDITIONAL LIGHTING SCHEDULE**

- 3 hours during the months of September, October, March and April.
- 4 hours during the month of November and February.
- 5 hours during the months of December and January.





## BEGONIA *Fibrous rooted*

(Approx. 30,000 seeds per 1/32 oz.)

Fibrous Begonias are a necessity item for spring bedding sales. They are used extensively in combination work and are also popular house plants throughout the year.

Production from seed is simple. January sowing produces plants for spring bedding work. The fine seed is lightly pressed into a sterilized fibrous medium. The seed is kept moist, not covered, and germinates best at 60 to 70 degrees. An economical method has been to shift the seedlings to flats spaced 2 x 2 inches and grow them on until they become crowded. Then transfer to 3- or 4-inch pots.

Potting soil should contain one part peat, one part sand and one part soil—a fibrous medium that will not pack is essential. To keep the plants moving, a temperature of 60 degrees is best. The plants do well in shade or full sun, but are best shaded during the summer.

Try monthly sowings from August to March for a constant supply to meet your customer's demand.

### INTERMEDIATE CLASS

	Tr. Pkt.	1/64 oz.	1/32 oz.
<b>Indian Maid</b> —Red flowers, deep bronze shiny foliage .....	\$1.25	\$2.75	\$5.00
<b>King of the Reds</b> —Red flowers, green foliage .....	1.25	2.75	5.00
<b>Lucifer</b> —Scarlet flowers, dark red foliage .....	1.50	4.50	8.00
<b>Luminosa</b> —Deepscarlet, red-brown foliage .....	1.25	3.50	6.00
<b>Massy</b> —(New)—Crimson giant flowers .....	2.00		
<b>Prima Donna</b> —Flowers carmine, foliage tinged red .....	1.25	2.25	3.75
<b>Saga</b> —Bright scarlet .....	1.50		
<b>Scandinavian Pink</b> —Rose pink, dark green foliage .....	1.25	3.00	5.50
<b>Scandinavian Red</b> —Red, dark green foliage .....	1.25	3.00	5.50
<b>Scandinavian White</b> .....	1.25	3.00	5.50
<b>White Pearl</b> —White flowers, green foliage .....	1.25	2.50	4.50

### DWARF CLASS

	Tr. Pkt.	1/64 oz.	1/32 oz.
<b>Adeline</b> —Rose pink, green foliage .....	\$1.50	\$3.25	\$6.00
<b>Dwarf Carmen</b> —Light pink with dark bronze foliage. Very compact .....	1.50	3.50	6.50
<b>Helena</b> —Carmine scarlet, foliage green, growth pyramidal .....	1.50	4.50	8.00
<b>Luminosa Compacta</b> —Scarlet red, foliage green .....	1.50	3.50	6.00

### TALL CLASS

	Tr. Pkt.	1/64 oz.	1/32 oz.
<b>Christmas Cheer</b> —Crimson scarlet flowers, foliage green .....	\$1.00	\$2.20	\$3.75

### F1 HYBRIDS — Heterosis Varieties

Sold in Packets Only

As pot plants in 3, 4, or 5-inch pots they may be recommended to your customers for they do well in high temperatures and low light intensities of modern homes. F1 hybrids, vigorous in pots, are also excellent bedding subjects in part shade or in full sun. F1 seed produces a uniform crop.

<b>Chrisy</b> —(New)—Luminous red, dwarf uniform vigorous plant .....	\$2.00
<b>Pink Profusion</b> —Rose flowers, green foliage .....	1.50
<b>Stuttgart</b> —Carmine rose, dark red foliage .....	1.50
<b>Pink Pearl</b> —Rich pink .....	1.50
<b>Red Pearl</b> —Scarlet red .....	1.50
<b>Rosy Red</b> —Green foliage .....	1.50
<b>Sleeping Beauty</b> —Bright carmine, free flowering, dark green foliage .....	2.00
<b>Tausendschoen</b> —Lustrous rose pink .....	2.00
<b>Tausendschoen Red</b> —Dark deep red counterpart of Tausendschoen .....	2.00
<b>Tausendschoen White</b> —Pure white, dwarf compact plant .....	2.00
<b>Organdy</b> —Mixed hybrids .....	1.50



BEGONIA SAGA

### TUBEROUS ROOTED BEGONIAS

Tuberous rooted begonias from seed are an inexpensive crop to produce. Sow in mid-January and shift about May 1 for early June sales. They are the answer for customers looking for a brilliantly flowered plant for the shade.

	Tr. Pkt.
<b>Mixed</b> —Camellia flowered double type, plants 1½ ft. tall .....	\$3.00





# Gloekner

# FLOWER SEEDS



## AGATHEA (Blue Daisy)

(Approx. 27,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Coelestis—The lovely, free flowering blue Marguerite .....	\$ .30	\$ .90	\$2.70

## AGERATUM

(Approx. 230,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Blue Ball Improved—Dwarf and compact. Uniform rich blue color .....	\$ .40	\$1.30	\$4.25
Blue Cap—Rich blue, very compact.....	.40	1.20	3.60
Blue Mink — (Tetra) — Giant blooms on husky plants .....	.60	3.00	9.00
Blue Perfection—Dark blue .....	.25	.50	1.65
Fairy Pink—Soft salmon pink, 10-21 inches .....	.60	1.85	6.50
Little Blue Star—6 inches high, fine for bedding .....	.25	1.00	3.50
Midget Blue — Very dwarf with delicate fine foliage; blue flowers .....	.50	1.80	6.00

## ALYSSUM

(Approx. 75,000 seeds per oz.)

	Tr. Pkt.	Oz.	1/4 lb.
Bouquet—(Carpet of Snow — Procumbens) best dwarf variety .....	\$ .20	\$1.00	\$3.25
Little Gem—Dwarf and compact.....	.20	1.00	3.00

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Pink Heather—(New) (A.A.S.) light pink blossoms, deeper in cool weather, grows about 6 inches tall with a good spread of blooms until late fall .....	\$ .75	\$1.25	\$2.25	\$7.00

	Tr. Pkt.	Oz.	1/4 lb.
Royal Carpet—(Procumbens) Rich purple.....	\$ .40	\$3.90	\$13.00

	Tr. Pkt.	Oz.	1/4 lb.
Violet King—Deep violet flowers. Very compact growth .....	.45	4.50	15.00

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Violet Queen—Dwarf compact, rich deep shades of violet .....	.25	1.80	6.00	

## AMARANTHUS

(Approx. 47,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Crimson Pygmy—Dwarf. Good for combinations .....	\$ .25	\$ .60	\$1.80

	Tr. Pkt.	Oz.	1/4 lb.
Molten Fire—Leaves are iridescent crimson.....	\$ .25	\$2.25	

	Tr. Pkt.	Oz.	1/4 lb.
Tri-Color Splendens—(St. Joseph's Coat) Yellow, red and green foliage—3 ft. ....	.25	1.80	

## ASPARAGUS

New Crop Seed Ready in Mid-February

	1000 Seeds	5000 Seeds
Plumosus Nanus .....	\$2.50	\$10.00
Sprengeri .....	2.50	10.00

## BALSAM

(Approx. 3,300 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Double Bush Flowering—Flowers appear in clusters at the top of the stems making these an attractive spring sales items in small pots. Scarlet, Rose, White, Mixed .....	\$ .40	\$ .75	\$2.50
Double Camellia Flowered Mixed.....	.15	.30	1.00

## BELLS OF IRELAND (Molucella Laevis)

(Approx. 7,000 seeds per oz.)

The branching stems are covered with pale green sheaths. May be grown in greenhouse benches, pots or outdoors where the season is long.

Tr. Pkt.	\$ .40	1/4 oz.	\$1.00	Oz.	\$3.00
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## BROWALLIA

(Approx. 65,000 seeds per oz.)

Speciosa Major—Violet-blue flowers 1 1/2 inches across, are carried on 10 to 12-inch stems. Standard pot variety.

Tr. Pkt.	\$1.00	1/16 oz.	\$2.25	1/8 oz.	\$4.00	1/4 oz.	\$7.50
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## CHERRY (Christmas)

(Approx. 12,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Masterpiece—Round red fruits freely produced on uniform bushy plant.....	\$ .50	\$1.25	\$3.75

## CELOSIA

For spring plant sales, sow 6 weeks before planting out time. A 60° night temperature is best.

## CRISTATA (Cockscomb Type)

(Approx. 29,000 seeds per oz.)

Tall varieties are grown for cut and are easily dried for winter bouquets. Dwarf kinds are recommended for summer pot plants.

### 12-15-INCH VARIETIES

	Tr. Pkt.	1/4 oz.	Oz.
Dwarf Golden Yellow (Aurea).....	\$ .30	\$ .80	\$2.50

	Tr. Pkt.	1/4 oz.	Oz.
Dwarf Empress — Deep scarlet bronzy green foliage .....	.30	.80	2.50

	Tr. Pkt.	1/4 oz.	Oz.
Semi-Dwarf Firebrand — Large scarlet crimson comb, uniform dwarf growing habit, 15-inches... ..	.30	.80	2.50

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Toreador — Uniform strain with red combs and green leaves; 15-inches tall .....	.75	2.00	6.00	

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Yellow Toreador — Yellow companion to Toreador.....	\$ .50	\$1.50	\$2.50	\$7.50

	Tr. Pkt.	Oz.	1/4 lb.
Gilbert's Maple Gold—Beautiful combs varying in color from light to dark pink tipped with Gold. Originators Tr. Pkt. (300 seeds).....			\$ .50

### 8-INCH VARIETIES

	Tr. Pkt.	1/4 oz.	Oz.
Formula Mixed .....	\$ .50	\$2.50	\$7.50

## PLUMOSA (Plumed or Feathery Type)

(Approx. 43,000 seeds per oz.)

Dwarf varieties are good for bedding and as spring and summer pot plants. Taller strains are good late summer cut flowers.

### DWARF VARIETIES

	Tr. Pkt.	1/4 oz.	Oz.
Fiery Feather — (Dwarf) Red plumes freely produced in attractive pyramid .....	\$ .40	\$1.30	\$4.25

	Tr. Pkt.	1/4 oz.	Oz.
Golden Feather — Dwarf same as Fiery Feather, but with golden yellow plumes .....	.40	1.30	4.25

	Tr. Pkt.	1/4 oz.	Oz.
Lilliput Choice Mixed — Dwarf uniform growth .....	.50	1.50	4.25

### TALL VARIETIES

**Forest Fire** — Plumes are a flaming orange-scarlet contrasted against a bronzed foliage. One of the most eye-catching varieties obtainable. Extremely uniform in habit .....

.50	1.50	4.50
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Golden Plume—4 ft. golden yellow .....	.40	1.20	3.60
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Scarlet Plume—4 ft. scarlet .....	.40	1.20	3.60
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Thompsonni Magnifica Mixed — 2 1/2 ft. (Pride of Castle Gould).....	.35	.70	2.25
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*Gloeckner*

# FLOWER SEEDS



## CALENDULA

(Approx. 4,500 seeds per oz.)

August sowing flowers December to February. Early October sowing to follow Chrysanthemums blooms February and March. January sowing blooms April and May.

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Ball's Gold—Golden Yellow.....	\$ .50	\$1.00	\$3.00	\$9.00
Ball Long Orange Improved — Bright orange with light eye .....	.50	1.00	3.00	9.00
Ball Orange — Glowing orange.....	.50	1.00	3.00	9.00
Lemon Queen — Deep lemon yellow with dark brown eye .....	.50	1.00	3.00	9.00
Masterpiece—Clear orange flower with dark center .....	.50	1.00	3.00	9.00
Nova—Single yellow flower with dark center resembling a Gerbera.....	.35	.75	2.50	

## CANDYTUFT

### DWARF COMPACT

(Approx. 12,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
"Fairy Mixed" — Plants 8-10" tall. Uniform in height and spread.....	\$ .50	\$1.00	\$3.00

## GIANT HYACINTH FLOWERED

	Tr. Pkt.	Oz.	1/4 lb.	Lb.
White—Improved florist strain .....	\$ .25	\$ .90	\$3.00	\$10.00

## UMBELLATA TYPE

Crimson—Purplish red	Rose Cardinal—Deep red
Flesh—Flesh pink	Rose—Soft rose
Lavender or Lilac	White
	Mixed

### PRICES ABOVE:

Tr. Pkt. \$ .30	Oz. \$ .90	1/4 lb. \$3.00
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## CARNATION

### (ENFANT DE NICE)

(Approx. 14,000 seeds per oz.)

One of the best annual Carnations. Plants are strong, robust growers bearing flowers 2½ to 3 inches in diameter on good stiff stems. Do not expect over 75% to come true to color or better than 90% double flowers.

White, Salmon, Rose, Red, Spectrum Red, Yellow  
Mixed (Formula Blend)

### PRICES ABOVE:

Tr. Pkt. \$ .50	1/8 oz. \$2.25	1/4 oz. \$4.00
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## CENTAUREA

### CYANUS (Bachelor Button)

(Approx. 6,000 seeds per oz.)

Listed below are the finest improved Florist strains of Centaurea Cyanus. The flowers are large, fully double and the colors intensified. The long stems of this strain make them excellent for cut flower purposes. May be used for greenhouse flowering in spring, or sown outdoors in fall for flowers in June and July.

Blue Boy—Excellent for forcing	Pinkie—Deep pink
Snowman—Clear white	Red Boy—Deep red

### PRICES ABOVE:

Tr. Pkt. \$ .20	Oz. \$ .65	1/4 lb. \$2.20	Lb. \$6.50
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## AMERICANA

	Tr. Pkt.	Oz.
Lilac—Thistle-like blooms of rosy-lavender color		
Splendid for cutting .....	\$ .20	\$ .75
White—White form of the above.....	.20	.75

## CHRYSANTHEMUMS (Annual)

(Approx. 10,000 seeds per oz.)

Another group which is finding favor with florists for cut flower material. Chrysanthemums last remarkably well as a cut flower, but for best results keep them in water 24 hours before marketing. Sow in mid August to follow early Chrysanthemums. Responds very well to additional light.

	Tr. Pkt.	Oz.
Merry Mixture—(Gay Tricolors).....	\$ .40	\$2.25

## CLARKIA (Elegans Double)

(Approx. 100,000 seeds per oz.)

For spring flowering sow in early January and grow in shallow soil in flats or benches. Keep plants on the dry side as vigorous growth is not wanted.

	Tr. Pkt.	Oz.
Mixed .....	\$ .20	\$1.25

## CALCEOLARIA

(Approx. 20,000 seeds per 1/32 oz.)

The soil used in germinating the seeds should be made up of two parts leaf mold, two parts well-rooted manure, two parts soil, and one part sand. Sterilize the soil and flat with steam to eradicate all disease.

Seed is fine and does not need a soil covering. A night temperature of 60° is recommended for germination. Shift to 2½-inch bands, then to 4 or 5-inch pots for finishing. A 48° house is best after the shift. Spray weekly with parathion for aphid control, and shade from direct sun after February. Overwatering causes yellowing.

## IMPROVED GERMAN STRAIN

Tr. Pkt. 1/64 oz. 1/32 oz.

### Multiflora Nana Mixed—

Dwarf growth with large compact heads of medium sized flowers. This fine strain contains a good range of colors .....

\$1.25	\$5.00	\$9.00
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## GILBERT'S STRAINS

This is an improvement over the original Multiflora Nana type. Compact habit of growth; good selection of colors in the mixture; excellent foliage.

### AVAILABLE PACKETS ONLY

	Tr. Pkt.
Multiflora Nana Red .....	\$2.50
Multiflora Nana Yellow .....	2.50
Multiflora Nana Mixed .....	2.50
Triumph Strain (Grandiflora) — Large flowered strain, the best in its class.....	2.50

## DUSTY MILLERS

(White-Leaved Types for Border Work)

(Approx. 7,500 seeds per oz.)

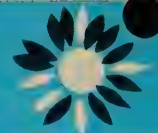
	Tr. Pkt.	1/4 oz.	Oz.
Candidissima — (Lamb's Ear) Silvery grey foliage .....	\$ .60	\$1.25	\$3.75
Gymnocarpa—(Fern Leaf) Fine Silvery foliage .....	.20	.35	1.00





*Gloekner*

# FLOWER SEEDS



## CINERARIA



Positively do not use soil that was previously used for Mums and especially so if your Mums were affected with verticillium wilt or Seidewitz disease. Cinerarias are attacked by this wilt which is a soil-borne fungus. It will cause the lower leaves to wilt and die and then gradually kill the entire plant. The only prevention for this trouble is to use new field soil from seeds flats to finish pot. Steam sterilize soil. Sow in January for spring combination work. Sow from June on for Christmas and late winter pot plants.

### *Siter's Hybrids*

Trade Mark

They are a distinct improvement over the original Siter's Strain, and because they are Hybrids from original crosses, cannot be offered by anyone but the originator.

This is an entirely new group of Cineraria Hybrids, blended for a perfect combination of colors, ranging from bright-eyed types through the finer pastel shades.

These new types carry large flower heads with medium, large individual flowers.

Seed for 1000 plants.....\$10.00  
Seed for 500 plants.....\$ 5.00

### MULTIFLORA GRANDIFLORA NANA MIXED (Improved German Strain) (Approx. 6,000 seeds per 1/32 oz.)

This is an outstanding German Strain consisting of a beautiful color assortment of bright-eyed types.

Tr. Pkt. \$2.50      1/64 oz. \$10.00      1/32 oz. \$19.00

## CYCLAMEN

### AMERICAN STRAIN

	Per 100	1000
Bonfire or America—Fiery salmon.....	\$2.30	\$21.00
Bright Red .....	1.75	16.00
Dark Blood Red .....	1.75	16.00
Glory of Wandsbeck or Perle of Zehlen- dorf—Dark salmon .....	2.25	20.00
Orange Beauty—Orange vermillion .....	2.30	21.00
Pink Pearl .....	2.30	21.00
Pure Rose .....	1.75	16.00
Pure White .....	1.75	16.00
Rose of Marienthal—Soft rose carmine eye .....	1.75	16.00
Rose of Zehlendorf—Light salmon.....	2.25	20.00
Salmon Rose Imp. ....	2.25	20.00
Salmon Scarlet .....	2.30	20.00
White with Carmine Eye .....	1.75	16.00

### DAUERNHEIM STRAIN

	Per 1000
Four separate colors available at.....	\$28.00

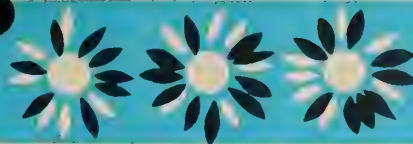
### *Gloekner* STRAIN

This strain is produced by one of the foremost Cyclamen specialists in Europe and is considered outstanding.

An asterisk has been placed before the colors considered the best of the newer shades.

	Per 100	1000
*1. Bright Red .....	\$1.90	\$17.50
2. Light Pink .....	1.90	17.50
3. Rose of Marienthal—Pink with dark eye .....	1.90	17.50
4. Lilac .....	1.90	17.50
5. White with Dark Eye .....	1.90	17.50
*6. Pure White .....	1.90	17.50
7. Glory of Wandsbeck or Perle of Zehlendorf—Dark salmon .....	2.40	20.00
8. Rose of Zehlendorf—Light salmon....	2.40	20.00
9. Vermilion .....	2.50	22.00
10. Aurora—Salmon with ivory sheen...	2.50	22.00
11. Rococo—Salmon shades fringed rim	2.50	22.00
12. Bonfire .....	2.50	22.00
*13. Golden Salmon .....	2.50	22.00
*14. Silver Salmon .....	2.50	22.00
*15. Salmon Pink with White Rim.....	2.50	22.00
*16. Harlequin—Pink with dark stripes....	2.50	22.00
17. America .....	2.50	22.00
19. Saffron—Red with salmon sheen.....	2.50	22.00
*20. Exquisite—Salmon pink with white rim .....	2.50	22.00
*21. Apple Blossom .....	2.50	22.00
*22. Peach—Purest peach blossom color	2.50	22.00
*23. Cattleya—Pale lavender lilac blue...	2.50	22.00
*24. Sunset—Beautiful strong orange.....	2.50	22.00
25. Dark Red .....	1.90	17.50
27. Bordeaux—Red shade .....	2.50	22.00
28. Pink with Salmon Eye .....	2.50	22.00
29. Saffron with Silver Rim .....	2.50	22.00





*Gloekner*

# FLOWER SEEDS



## COLEUS RAINBOW TYPE

(Approx. 3,500 seeds per 1/32 oz.)

Coleus are now more popular than ever for border planting and in combinations. They do best in a light soil, and outdoors some shade intensifies the colors. Indoors the colors show up best in a sunny window. By transplanting seedlings you insure a balanced mixture of colors.

### SEPARATE COLORS

**Creamy White Edged Green**

**Candidum**—Golden yellow with dark green edging

**Old Gold Edged Green**—Soft amber with pleasing green edge

**Pink Rainbow**—Salmon pink edged green

**Rose Edged Green**—Bright rose with edging dark red and green

**Rose Shades**—Dark edging

**Velvety Red**—(Velvet Rainbow)—Brilliant blood red, one of brightest colors in group

### WINDSOR HYBRIDS MIXED

Exceptionally fine strain containing an unusually bright assortment of colors. Even as young plants the foliage color patterns is excellent. Coleus make excellent pot and bedding plants. For Decoration Day sales, sow seed the first week in January.

### PRICES ABOVE:

Tr. Pkt. \$1.75    1/64 oz. \$2.75    1/32 oz. \$5.25    1/16 oz. \$9.50

## COSMOS (Sensation)

(Approx. 5,500 seeds per oz.)

	Tr. Pkt.	Oz.
<b>Pinkie</b> —Delightful rose pink .....	\$ .30	\$1.50
<b>Purity</b> —Glistening white .....	.30	1.50
<b>Crimson</b> —Deep red selection of Sensation.....	.30	1.50
<b>Radiance</b> — Deep rose with band of rich crimson .....	.30	1.50
<b>Sensation Early Mixed</b> —Flowers earlier than other varieties .....	.50	4.80

## HYBRIDA KLONDYKE (Approx. 4,000 seeds per oz.)

	Tr. Pkt.	Oz.
<b>Fiesta</b> —Brilliant gold striped scarlet.....	\$ .55	\$4.80

## CUPHEA (Approx. 7,000 seeds per oz.)

**Firefly**—As a spring pot or bedding item, easily produced from seed. Reach a height of twelve inches covered with scarlet flowers.

Tr. Pkt. \$ .25    1/8 oz. \$ .75    1/4 oz. \$1.35    Oz. \$4.00

## DAHLIAS

(Approx. 3,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
<b>Unwin's Dwarf Ideal Bedding Mixed</b> — Early flowering semi-double, 18 inches, in a wide range of colors .....	\$ .40	\$ .80	\$2.50	\$7.50
<b>Coltless Hybrids</b> — Dwarf single type, very free flowering, height 2 feet, choice mixed colors.....	.30	.50	1.75	

## DIANTHUS HEDDEWIGII LACINATUS

(Approx. 23,000 seeds per oz.)

	Tr. Pkt.	Oz.
<b>Double Gaiety</b> —Bright colors .....	\$ .35	\$2.50
<b>Gaiety</b> —Single flowers in a wide range of gay and brilliant colors .....	.35	2.50
<b>Sweet Wivelsfield</b> (Single Mixed)—Brilliant colors. Free flowering .....	.25	1.25

## DIDISCUS

(Approx. 10,000 seeds per oz.)

Responds to Additional Light.

**Coerulea**—(Blue Laceflower) ..... Tr. Pkt. Oz. \$ .30 \$2.50

## DRACAENA

**Indivisa** (CLEANED SEEDS—10,000 seeds per oz.)

Tr. Pkt. \$ .35    1/4 oz. \$1.00    Oz. \$3.00

**Indivisa** (IN THE HULL—1,500 seeds per oz.)

Tr. Pkt. \$ .20    Oz. \$ .55    1/4 lb. \$1.65    1 lb. \$5.50

## EUPHORBIA

(Approx. 2,500 seeds per oz.)

**Variegata**—(Snow on the Mountain)..... Tr. Pkt. Oz. 1/4 lb. \$ .30 \$ .90 \$3.00

## EXACUM

(Approx. 15,000 seeds per 1/64 oz.)

**Affine**—An attractive and easily grown pot plant. The violet-blue flowers are fragrant .....

Tr. Pkt. 1/128 oz. 1/64 oz. \$1.25 \$3.25 \$6.00

## FEVERFEW (Matricaria)

(Approx. 150,000 seeds per oz.)

**Double White Improved** — Select florist strain .....

Tr. Pkt. 1/4 oz. Oz. \$1.00 \$6.00 \$18.00

## FREESIA

The method of producing Freesias from seed is gaining popularity. Sown in frames the middle of May, bulbs can be lifted in September. Large long-stemmed flowers are obtained in January. Soak seed prior to planting. Cover with sash until plants are up, then gradually give air.

Best European Strains. Prices on request.

## GAILLARDIA PICTA

(Approx. 9,000 seeds per oz.)

**Indian Chief**—Single bronzy red..... Tr. Pkt. Oz. \$ .20 \$1.00  
**Double Lorenziana**—Finest mixed .....

.20 1.00  
**Single Mixed** .....

.20 1.00

## GERBERA (Transvaal Daisy)

**Hybrids Mixed**—A selected strain of fully duplexed flowers containing all colors but blue.

100 seeds \$ .70    1000 seeds \$5.50    5000 seeds \$25.00

## GOMPHRENA (Globe Amaranth)

(Approx. 10,000 seeds per oz.)

An attractive everlasting garden flower with some value for cutting. Stands hot, dry conditions.

**Rubra** — Bright deep shade of magenta purple .....

Tr. Pkt. 1/4 oz. Oz. \$ .30 \$ .50 \$1.50

**Buddy**—Dwarf strain for bedding, pots and combinations. Bright reddish-purple .....

.60 1.00 3.00

**Cissy**—Pure white .....

.60 1.00 3.00

**Dot-n-Dash**—Mixture of Buddy and Cissy .....

.60 1.00 3.00

## GREVILLEA (Silk Oak)

(Approx. 3,000 seeds per oz.)

March sowing will make a good sized specimen by Fall. June sowing will make 2 1/4 inch pot plants ideal for use in panning poinsettias.

**Robusta**—A splendid foliage plant..... Tr. Pkt. 1/4 oz. Oz. \$ .40 \$1.35 \$4.50

## GYPSOPHILA (Baby's Breath)

(Approx. 34,000 seeds per oz.)

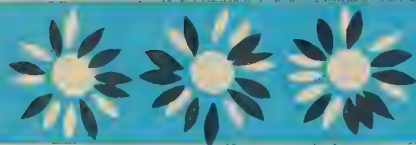
Free blooming plants of easiest culture. Desirable for cutting to mix with other flowers.

**Covent Garden Strain**—Pure white .....

Oz. 1/4 lb. Lb. 5 lbs. \$ .30 \$ .75 \$2.50 \$10.00  
**London Market Improved** .....

.30 .75 2.50 10.00





*Gloeckner*

# FLOWER SEEDS



## DELPHINIUM

### PACIFIC STRAIN (VETTERLE & REINELT)

(Approx. 13,000 seeds per oz.)

This is the finest strain of Delphinium yet introduced. From our personal observation in the field, we find this has unquestionably proven to be the leader in Delphiniums of the better type. The flowers are immense, well set on strong, straight stems, do not shatter, and are 40 to 90% mildew resistant. July or August sowing and transplanting into the field during the fall will produce an early crop with large spikes. Delphiniums require a well-drained soil, neutral in reaction. A January sowing, transplanted in the greenhouse and set out in early spring provides a good cut during the summer.

### ASTOLAT SERIES

The color variations in this series extend from pale blush through lilac pink to deep raspberry rose. Large brown, fawn and black bees lend interesting contrast.

### BLACK KNIGHT

The individual florets, 2 to 3" in diameter, are **Dark Purple**, beautifully rounded form with heavy velvety texture. Very large well formed spikes.

### BLUE BIRD SERIES

This series can be recommended as being the **clearest medium blues with white bees**. They carry well formed round flowers 2 1/4 inches in diameter on very long, graceful spikes.

### BLUEJAY SERIES

Color striking. **Clear medium to dark blue**. Very intense and alive with contrasting bee.

### CAMELIARD SERIES

A **pure lavender self**, with **white bee**, individual flowers are very round and flat. Excellent growing habits.

### GALAHAD SERIES

Flowers **Clear White**, averaging three inches in diameter, pyramidal spikes, good branching habit, strong stems with a high percentage of mildew resistance.

### GUINEVERE SERIES

**Light Pink Lavender self** with **white bee**. Individual florets 2 1/2 to 3 inches in diameter. For cut flowers and show purposes. Mildew resistance—50 to 70%.

### KING ARTHUR

**Brilliant Royal Violet** with large **white bee**. Individual florets 2 1/2 inches in diameter. Excellent for cut flowers. Mildew resistance from 80 to 90%.

### LANCELOT SERIES

**Clear Lilac self** with **white bee**.

### PERCIVAL SERIES

A companion to the Galahad Series. Large **glistening white flowers** with strongly contrasting **black bee**.

### ROUND TABLE SERIES

This represents **all the color combinations** of the **Knights and their Ladies** which will eventually be introduced. Some three hundred different crosses were used to make up this group.

### SUMMER SKIES SERIES

**Clearst Light Blue** with **white bee**. Individual florets 2 to 2 1/2 inches in diameter. Ideal for cut flower purposes—Mildew resistance—40 to 60%.

### ALL COLORS MIXED

A blend containing all named colors mentioned above.

Prices for all above varieties:

Tr. Pkt. \$2.00    1/8 oz. \$3.00    1/4 oz. \$5.50    Oz. \$20.00

## MISCELLANEOUS STRAINS

(Approx. 10,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
Blackmore — Langdon Strains.....	\$ .40	\$1.25	\$3.75	\$12.50
Cliveden Beauty (Improved Belladonna) — Selected strain. Turquoise blue .....	.40	1.25	3.75	12.50
Bellamosum — Dark Blue. Belladonna habit of growth.....	.40	1.25	3.75	12.50
Gold Medal Hybrids—Large flowering. Tall .....	.35	1.00	3.00	
Lamartine — Fairly deep bright marine blue. Excellent cut flower habit .....	.55	1.50	5.00	
Wrexham Hybrids — Blending of light and dark shades.....	.60	1.75	6.00	

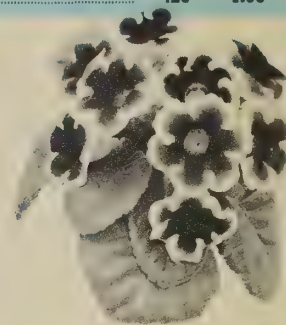
## CHINENSIS TALL FLORIST STRAINS

(Approx. 19,000 seeds per oz.)

	Tr. Pkt.	Oz.
Alba—Pure white .....	.25	\$1.50
Cambridge Blue—Azure blue .....	.30	2.75
Liberty—Dark blue .....	.25	1.50

## GLOXINIA

Sow in December for 5-inch flowering plants in June. Germination is best if seed is not covered and a 70° temperature is maintained. The soil mixture should consist of a third each of peat, compost, and sand. Never allow the pots to dry and shade lightly, carrying the plants in a 65° house.



	Tr. Pkt.
Beacon Fire—Light and dark red mixed.....	\$1.25
Emperor Wilhelm—Purple bordered white.....	1.25
Fernleaf Type—Velvet red .....	1.25
Gierths White—Pure white .....	1.25
Hamburger Blood Red .....	2.00
Holstein Blut—Blood red .....	2.00
King of the Giants—Velvety crimson.....	1.25
Panzer Red—Velvety scarlet (originator's strain)	3.00
Switzerland—Red with white border .....	1.25
Symphony in Rose—Deep rose with white border	1.25
Mixed—This mixture consists of the most desirable Florist strains of the flexible leaf type.....	1.25

## IPOMEA (Morning Glory)

	Tr. Pkt.	Oz.	1/4 lb.
Clark's Mammoth Blue—(Heavenly Blue Improved .....	\$ .25	\$ .75	\$2.25
Pearly Gates — Lovely lustrous white with creamy shading deep down in the throat .....	.30	.90	3.00
Scarlet O'Hara — Rich dark wine red or deep rosy crimson.....	.25	1.25	
Noctiflora—(Moonflower)—Flowers at night .....	.20	.60	2.00

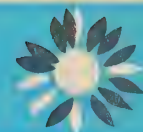
## KALANCHOE

(Approx. 60,000 seeds per 1/32 oz.)

For Christmas flowering, shade the plants with black cloth from September 1st to October 10th. from 5 P.M. to 8 A.M. each day and grow in 60 degree house.

	Tr. Pkt.	1/64 oz.	1/32 oz.
Improved Tom Thumb—Sport of original Tom Thumb with similar habit, but has florets, larger with more substance and a darker red	\$3.50	\$6.50	\$12.00
Vivid — Similar to Tom Thumb. Orange-red. Packets only .....	3.50		
Yellow — Similar to Tom Thumb.....	3.00	6.00	11.00
Blossfeldiana .....	.65	1.75	





## IMPATIENS

(Approx. 66,000 seeds per oz.)

Excellent low-growing bedding plants for part or full shade. Often flower in the flat and sell on sight. Seed germinates in 2 to 3 weeks at 65 to 70°. Dwarf varieties also make good 3 or 4-inch pot plants.

### DWARF TYPES

Tr. Pkt. 1/32 oz. 1/16 oz.

<b>Fire Gleam</b> — Scarlet orange with dark foliage .....	\$1.25	\$3.00	\$6.00
<b>Light Salmon Pink</b> —Pastel pink with deeper eye (originator's packets only) .....	1.50		
<b>Orange Gleam</b> —Pleasing shade of orange .....	1.25	3.00	6.00
<b>Red Knight</b> —Fiery red, dark green foliage, dwarf .....	1.50	4.75	8.50
<b>Rose Pink</b> —A bright shade of deep rose, compact growing .....	1.50		
<b>Scarlet Gleam</b> —Bright scarlet with pleasing foliage .....	1.25	3.00	6.00
<b>White Lady</b> —Pure white .....	2.50		
<b>Dwarf Mixed</b> — Bright mixture of dwarf varieties including orange, scarlet, pink, rose, cherry red, and salmon shades .....	1.25	3.00	6.00

### TALL GROWING TYPE

Tr. Pkt. 1/16 oz. 1/8 oz.

<b>Sultani Hybrids Mixed</b> .....	\$ .50	\$1.60	\$2.00
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## KOCHIA (Approx. 30,000 seeds per oz.)

<b>Childsi</b> —Improved strain .....	Tr. Pkt.	Oz.
	\$ .15	\$ .50

## LINARIA (Approx. 428,000 seeds per oz.)

<b>Fairy Bouquet</b> —Pastel shades; compact.....	Tr. Pkt.	Oz.
	\$ .25	\$1.75

## LOBELIA (Approx. 700,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
<b>Blue Stone</b> —Dwarf bright blue.....	\$ .40	\$1.25	\$3.75
<b>Emperor William</b> —Gentian-blue .....	.40	1.25	3.75
<b>Crystal Palace Compacta</b> — Dark blue .....	.40	1.25	3.75
<b>Mrs. Clibran Imp.</b> — Dwarf blue, white eye .....	.40	1.25	3.75
<b>Rosamond</b> — Carmine with white eye .....	.50	1.50	4.50
<b>Sapphire</b> — Deep blue, white eye, eye, trailing .....	.40	1.00	3.25
<b>White Lady</b> — Dwarf, sparkling white .....	.40	1.25	3.75

## LARKSPUR

(Approx. 9,000 seeds per oz.)

**OUTDOOR CUT FLOWERS**—Sown outdoors from August 15 to September 15 larkspur seedlings will be large enough to winter over for an early summer crop. A mulch prevents heaving over winter. Good results may also be had by sowing seed outdoors as soon as the ground can be worked in spring. Spaced an inch apart, 1 oz. of seed will give about 700 feet of row.

**INDOOR SPRING FLOWERS**—A December or January sowing produces 3-inch band or pot plants to follow late mums. Space 1 foot apart each way in ground beds and 10 x 10 inches in raised beds. Plants grow 4 to 5 feet tall and do best in a 45 to 50° house.

## GIANT IMPERIAL OR BASE BRANCHING

**Blue Bell**—Azure blue

**Blue Spire**—Very deep violet blue

**Carmine King**—Deep carmine rose

**Lilac King**—Rich lilac, full double closely spaced florets

**Miss California**—Deep rose on salmon

**Sweet Lavender**—Lavender color

**White King**—Glistening white, huge flowers

**Mixed**—Named colors

	Tr. Pkt.	Oz.	1/4 lb.	Lb.
<b>PRICES ABOVE:</b>	\$ .30	\$1.60	\$5.25	\$16.00

## SUPREME STRAIN

A new strain of the popular Giant Imperial or Base Branching Type of Larkspur. Plants have an upright habit with longer spikes and fuller flowers.

**Dark Blue Supreme**—Rich violet purple

**Lilac Supreme**—Clear lilac

**Pink Supreme**—Clear rose pink, deeper in color than

Pink King and Los Angeles Improved

**Rose Supreme**—Clear, pure deep rose

**Salmon Supreme**—A true shade of real salmon

**White Supreme**

**Supreme Mixture**

	Tr. Pkt.	Oz.	1/4 lb.	Lb.
<b>PRICES ABOVE:</b>	\$ .40	\$1.80	\$6.00	\$18.00

## REGAL STRAIN

Long spikes of well placed florets distinguishes this new strain from all others. It keeps the desirable height and basal branching habits of the Giant Imperials.

**Dark Blue**—Deep violet blue

**Rose**

**Salmon Rose**

**Lilac**—Clear lilac

**White**

**Pink**—Brilliant pink on salmon

**Mixed**

	Tr. Pkt.	Oz.	1/4 lb.	Lb.
<b>PRICES ABOVE:</b>	\$ .40	\$1.80	\$6.00	\$18.00

## LUPINUS (Annual)—Giant King

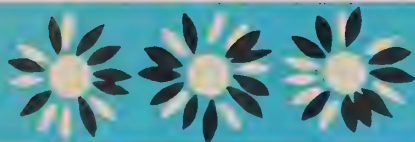
(Approx. 13,000 seeds per oz.)

An improved strain 3 to 4 ft. tall. King Lupinus have the base branching habit, with four to six long spikes to the plant. A January sowing will give good 3" pots for spring.

**Sky Blue; Heliotrope; Blue; White; Mixed**

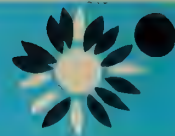
Tr. Pkt.	\$ .25	Oz.	\$1.00	1/4 lb.	\$3.00
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*Gloeckner*

# FLOWER SEEDS



## MARIGOLD BEDDING VARIETIES

(Approx. 9,000 seeds per oz.)

### PETITE

This class of extra dwarf French double marigolds is excellent for borders and mass effects. They were All-America winners for 1958 (except Petite Yellow) and are outstanding for bedding purposes.



**Petite Orange**  
Bright orange

**Petite Gold**  
Golden shade between yellow and orange

**Petite Harmony**  
Gold crest with mahogany ground

**Petite Yellow**  
Strong clear yellow

**Petite Mixture**  
All above in blend

Tr. Pkt. \$ .45    1/4 oz. \$1.35    Oz. \$4.00    1/4 lb. \$13.50

These fine strains are popular for bedding plant sales and for combination boxes and pots. Sow seed outdoors as soon as the weather warms or start indoors a month before the plants are needed for sale when the weather warms in spring.

### DWARF CHRYSANTHEMUM FLOWERED

Large 2 1/2-inch flowers on dwarf plants, odorless foliage, and uniform compact growth make these ideal for border planting. Available in the following colors:

**Cupid Yellow**—Bright lemon yellow—early blooming  
**Cupid Gold**—Light gold  
**Cupid Orange**—Rich orange, early blooming  
**Cupid Mixed**—Blend of above three

Tr. Pkt. \$ .60    1/4 oz. \$1.75    Oz. \$5.00

### DWARF FRENCH SINGLE

	Tr. Pkt.	1/4 oz.	Oz.
<b>Brownie</b> — Mahogany-red flowers with golden-yellow centers; 2" across .....	\$ .35	\$ .60	\$1.80
<b>Flash</b> —Flowers ranging from vivid red through bronze with a few yellow, to give harmonious contrast .....	.35	\$ .60	1.80
<b>Naughty Marietta</b> —Golden yellow single flowers with maroon blotch .....	.35	.60	1.80
<b>Red Head</b> —Large flowers mahogany turning to bronze and gold... ..	.35	.60	1.80
<b>Sunny</b> —Clear yellow .....	.35	.60	1.80

### MIGNONETTE (Approx. 26,000 seeds per oz.)

Giant New York Market—Select strain..... Tr. Pkt. 1/4 oz. \$ .35 \$1.00

### MIMOSA (Approx. 4,500 seeds per oz.)

Pudica—(Sensitive Plant) ..... Tr. Pkt. 1/4 oz. Oz. \$ .30 \$ .50 \$1.50

### MYOSOTIS (Winter Flowering)

(Approx. 30,000 seeds per oz.) Tr. Pkt. 1/4 oz. Oz. \$ .50 \$1.50 \$4.50

### NASTURTIUM DOUBLE GLEAM

(Approx. 175 seeds per oz.)  
Glorious Gleam Hybrids Finest Oz. 1/4 lb. Lb. \$ .40 \$1.25 \$4.00  
Mixed—Wide assortment colors...

### DWARF DOUBLE

Oz. 1/4 lb. Lb.  
Golden Globe—Golden yellow..... \$ .45 \$1.50 \$4.50  
Gem Mixture — Dwarf compact, excellent color range ..... .45 1.50 4.50

### NEMESIA (Approx. 25,000 seeds per 1/4 oz.)

### NANA COMPACTA

Dwarf habit. Branches freely from base. Excellent for pots and combination work.

Tr. Pkt. 1/4 oz.  
Superbissima Mixed — Large flowered bright shades ..... \$ .35 \$1.25

### NEMESIA (Continued)

#### STRUMOSA GRANDIFLORA

August sowing for cut flowers in December. October sowing for spring.

Tr. Pkt. 1/4 oz.  
Finest Mixed ..... \$ .30 \$1.00

### NICOTIANA (Ornamental Tobacco)

(Approx. 200,000 seeds per oz.) Tr. Pkt. Oz. \$ .30 \$2.00

**Crimson Bedder**—Compact, deep crimson \$ .30 \$2.00  
**Dwarf White Bedder** — Dwarf and compact, white scented flowers all day.  
1/8 oz. \$1.75; 1/4 oz. \$2.50 .75 7.50

**Sensation Mixed** — Flowers open during the day, ideal for bedding..... 1/4 oz. \$1.00 .40 3.25

### NIEREMBERGIA (Dwarf Cup Flower)

(Approx. 5,500 seeds per 1/32 oz.)

Sow seed early to have plants in flower for Decoration Day. Excellent plant for edging and general bedding. Will flower profusely during entire summer.

Tr. Pkt. 1/32 oz. 1/16 oz.  
Purple Robe—Deep violet purple \$ .50 \$1.75 \$3.25

### PEPPERS (Ornamental) (Approx. 9,000 seeds per oz.)

**Birds Eye**—Popular birdseye or holly berry type  
**Christmas Candle**—Bears candle-like fruit  
**Long Pointed**—Fine selection, long pointed type  
**Robert Craig**—(Dwarf)—Compact, spreading, heavy fruiting

### PRICES ABOVE:

Tr. Pkt. \$1.00    1/4 oz. \$2.00



**MINIATURE EXTRA DWARF**

	Tr. Pkt.	¼ oz.	Oz.
<b>Butterball</b> — Dwarf. Soft butter yellow .....	\$ .35	\$ .65	\$2.00
<b>Dainty Marietta</b> — Single extra early very dwarf selection of Naughty Marietta .....	.50	1.00	3.00
<b>Gold Crest</b> —Dwarf double golden yellow .....	.35	.65	2.00
<b>Melody</b> — Dwarf. Double brilliant orange .....	.35	.65	2.00
<b>Spry Hybrids</b> — Miniature flowers abundantly produced in new and unusual combinations .....	.35	.65	2.00
<b>Spry</b> — Yellow crested center, mahogany red guard petals .....	.35	.65	2.00
<b>Sunkist</b> —Rich deep golden orange .....	.35	.65	2.00
<b>Lemondrop</b> — Full double canary-yellow .....	.35	.65	2.00
<b>Yellow Pygmy</b> .....	.35	.65	2.00

**DWARF FRENCH DOUBLE**

	Tr. Pkt.	¼ oz.	Oz.
<b>Color Magic</b> —Mixture of red, gold striped and mottled combinations .....	\$ .35	\$ .75	\$2.25
<b>Eldorado</b> — Canary yellow tinted slightly deeper toward the center .....	.40	1.00	3.00
<b>Giant Spry</b> —Blossoms twice size of Spry .....	.40	1.00	3.00
<b>Harmony</b> — Deep orange center petals flanked by wide dark maroon, brown petals .....	\$ .30	\$ .65	\$2.00
<b>Harmony Hybrids</b> — Dwarf attractive mixture of harmony type: crested flowers .....	.30	.65	2.00
<b>Primrose</b> —Double sulphur yellow. Extra fine for borders .....	\$ .30	\$ .65	\$2.00
<b>Primrose Gem</b> — Primrose-yellow flowers, fully double, 2-2½ inches across. Plants 9 inches tall.....	.40	1.00	3.00
<b>Rusty Red</b> — (Fandango) — Large flower fully double .....	.35	.65	2.00
<b>Scarlet Glow</b> —Mahogany turning to orange scarlet .....	.35	.65	2.00
<b>Tangerine</b> — New distinct bright tangerine-orange. Early bloomer. Excellent for cutting .....	.35	.65	2.00

**MARIGOLD** Tall Varieties for Cutting

(Approx. 10,000 seeds per oz.)

Sown in January or February, the plants spaced 4 x 5 inches and grown single stem produce a profitable crop for spring cutting. African tall doubles and Carnation and winter-flowering sorts are most popular, but the others are also needed for variety. All may be grown for spring plant sales and early fall cut flowers.

**CHRYSANTHEMUM FLOWERED TYPES**

Ball-shaped blooms measure 3" across. For Spring greenhouse or outdoors.

	Tr. Pkt.	¼ oz.	Oz.
<b>Glitters</b> —Lemon yellow .....	\$ .35	\$1.00	\$3.00
<b>Goldsmith</b> —Golden orange .....	.35	.75	2.25
<b>Happiness</b> — (Medium Dwarf) — About 18" tall. Large flowers of a cheerful golden yellow color. Profuse bloomer .....	.35	.75	2.25
<b>Yellowstone</b> —Clear golden yellow .....	.35	.75	2.25

**GIGANTEA**

A remarkable new sweet scented, robust growing extremely large flowered type, ideal for show purposes, florist use and garden decoration. It has also been tested and found good for greenhouse culture.

	Tr. Pkt.	¼ oz.	Oz.
<b>Crackerjack</b> — Uniformly large double flowers produced on shorter plants than Sunset Giants. Complete marigold color range... ..	\$ .50	\$1.00	\$3.00
<b>Orange Sunset</b> — Deep rich, lively orange .....	.30	.55	1.75

**AFRICAN TALL DOUBLE**

Of comparative recent development, these all double strains produce practically 100% true double flowers.

	Tr. Pkt.	¼ oz.	Oz.	¼ lb.
<b>Fluffy Ruffles</b> — Golden yellow .....	\$ .35	\$1.00	\$3.00	
<b>Orange All Double</b> — Rich orange .....	.30	.55	1.75	\$6.00
<b>Lemon All Double</b> — Bright lemon yellow .....	.30	.55	1.75	6.00

**CARNATION FLOWERED**

	Tr. Pkt.	¼ oz.	Oz.	¼ lb.
<b>Guinea Gold</b> — Reselected strain orange loosely finished flowers. 2½ feet.....	\$ .30	\$ .55	\$1.75	\$6.00
<b>Man-In-The-Moon</b> — One of the newest and finest creamy lemon yellows.....	.30	.55	1.75	
<b>Yellow Supreme</b> — Light lemon yellow .....	.30	.55	1.75	6.00

**WINTER FLOWERING**

**Colorado Sunshine**—This is a marigold selected as a cut flower variety. It is a luminous golden yellow with ruffled and wavy petals. Flowers 3 to 4 inches. Also recommended for outdoor culture. The stems are long and strong.

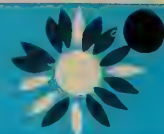
Tr. Pkt.	\$ .50	¼ oz.	\$1.50	Oz.	\$4.50
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Gloeckner

# FLOWER SEEDS



## PANSIES

(Approx. 21,000 seeds per oz.)

For spring bedding plant sales pansies are sown either indoors in December or January or outdoors from July until September. December- or January-sown plants are carried in a cool greenhouse, transplanted into frames about March and are ready for May sales. Late summer-sown seed outdoors in shaded frames produces large enough plants to be spaced 4 x 6 inches apart in frames, strong enough to carry over winter under a loose mulch. The plants must be well established before winter sets in.

### PANSY SPECIAL STRAIN MIXED

This strain possesses very large blooms on vigorous plants, and is especially good for bedding. The color range is quite good containing combinations of deep rich colors in the red and wine shades. F2 hybrids, the plants have tremendous vigor and giant flowers. Compact plants, they are ideal for basket work.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.50	\$3.75	\$7.00	\$22.00

### NON PLUS ULTRA

This strain has large, fine flowers of superb texture and excellent markings. It is made up of fourteen separate colors so blended that it gives a perfect color balance to the mixture. It is without question a perfect strain for the commercial trade.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.00	\$1.75	\$3.50	\$12.00



### MIXTURES

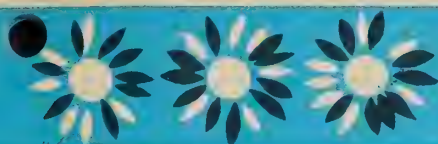
	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
<b>Amsterdam Giants</b> — Early free flowering, heat resistant. Large flowered, with a long season of bloom .....	\$ .75	\$1.80	\$3.00	\$10.00
<b>Arcadia</b> —Brilliant colors and pastel shades form a complete color range in this strain characterized by large flowers on sturdy, dwarf plants .....	1.00	3.00	5.00	15.00
<b>Canadian Giants</b> —A selection out of Maple Leaf Giants. This large flowered mixture has a good color range and flowers of rich heavy substance .....	1.00	1.85	3.30	11.00
<b>Gloeckner's Exhibition</b> .....	.80	2.00	3.30	11.00
<b>Mastadon (Steele's)</b> .....	1.40	3.40	6.10	16.50
<b>Maple Leaf Giants</b> —Large flowering strain .....	.75	1.75	3.00	10.00
<b>Masquerade</b> —F2 early and bright-colored variety derived from the Oregon jumbo type. Vari-colored in shades of yellow blue, violet, mauve and rust .....	1.50	3.75	7.00	22.00
<b>"400" Super Swiss Giants</b> .....	1.00	2.60	4.70	12.80
<b>Oregon Giants Mixed</b> —Fine strain of giant ruffled pansies. Large heavy textured flowers in a good range of colors .....	1.25	2.25	4.00	12.00
<b>Swiss Giant Improved</b> — A special blend for florists, superlative in form and range of dark, rich colors. Most of the blooms waved .....	.75	1.50	2.75	9.00
<b>Tall Winter Flowering</b> —Tall growing winter cut flower variety .....	1.00			

### SEPARATE COLORS

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
<b>Alpenglow</b> — Velvet mahogany-red with dark blotch .....	\$ .80	\$2.00	\$3.50	\$11.00
<b>Berna</b> —Dark violet blue .....	.80	2.00	3.50	11.00
<b>Blue</b> —(Ullswater)—Rich clear blue .....	.80	2.00	3.50	11.00
<b>Bronze Shades (Jumbo)</b> —Blend of colors ranging from old gold—rich copper to deep browns. A true jumbo strain .....	1.65	4.95	8.90	24.00
<b>Coronation Gold</b> —Pure golden yellow, flowers slightly ruffled at edges .....	.80	2.00	3.50	11.00
<b>Luna</b> —Sulphur yellow self .....	.80	2.00	3.50	11.00
<b>Moon Moth (Jumbo)</b> —Pure white .....	1.65	4.95	8.90	22.50
<b>Pay Dirt (Jumbo)</b> —Yellow .....	1.75	6.00	11.00	29.70
<b>Pure White</b> — Paper white, small yellow eye .....	1.00	2.75	5.00	15.00
<b>Rheingold</b> —Yellow with blotch .....	.80	2.00	3.50	11.00

Masquerade





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# FLOWER SEEDS



## PETUNIAS

### HYBRIDA NANA ERECTA (DWARF HYBRIDA CLASS)

(Approx. 280,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
<b>Admiral</b> — Dwarf blue. Flowers ruffled at edge. 1/64 oz. 1.75; 1/32 oz. 3.00; 1/16 oz. 5.50	\$ .85		
<b>Blue Bedder</b> —Mid blue .....	.40	\$1.35	\$4.25
<b>Celestial Rose Improved</b> — Deep rose, very compact .....	.60	2.25	6.50
<b>Fire Chief</b> — True scarlet. 1/16 oz. 1.65; 1/8 oz. 3.00 .....	.50	5.00	
<b>Glowing Rose</b> .....	.60	3.25	
<b>Heavenly Blue Improved</b> .....	.50	1.75	6.00
<b>Howard Star Improved</b> — (Hybrida) — Velvety purple .....	.40	2.25	6.75
<b>King Henry</b> — Rich velvet red. Dwarf and large flowered. 1/32 oz. 1.45; 1/16 oz. 2.75; 1/8 oz. 5.25	.60	9.50	
<b>Rose of Heaven Improved</b> — Very dwarf .....	.50	1.25	3.75
<b>Rosy Morn Improved</b> —Very dwarf .....	.50	1.25	3.75
<b>Sky Chief</b> — Compact plant. Pale blue .....	.50	1.75	6.00
<b>Snowball</b> —Pure white, compact.....	.40	1.75	5.50
<b>Twinkles</b> — Brilliant rose starred white .....	.50	2.00	6.00
<b>Violacea</b> —Deep velvety purple.....	.50	1.40	4.50
<b>Choice Mixed</b> .....	.50	1.25	3.75

### GRANDIFLORA F2

	Tr. Pkt.	1/32 oz.	1/16 oz.
<b>Carnival</b> — A mixture of fringed and ruffled flowers, typical of the grandiflora type, consisting of wide range of colors including solids and bi-colors .....	\$1.50	\$3.85	\$7.00

### GRANDIFLORA COMPACTA (SINGLE FRINGED—Dwarf)

	Tr. Pkt.	1/64 oz.	1/32 oz.
<b>Gaiety</b> —Rose and white .....	\$ .80	\$1.75	\$3.00
<b>Lace Veil</b> —Pure white .....	.85	2.00	3.50
<b>Setting Sun</b> —Deep rose .....	.85	2.00	3.50

### NANA COMPACTA FRINGED

	Tr. Pkt.	1/64 oz.	1/32 oz.
<b>Innocence</b> — (Fringed Snowstorm) Pure white flowers; dwarf .....	\$1.00	\$2.50	\$3.75
<b>Little Giants Mixed</b> — (Ruffled) — Extra large, well ruffled flowers with open throats. Dwarf Giants of California Type in form and size .....	.75	1.50	2.75
<b>Little Giants, Pink Shades</b> —Same as above but pink only .....	1.00	1.75	2.75

### CALIFORNIA RUFFLED GIANTS (LARGE THROATED)

(Approx. 180,000 seeds per oz.)

	Tr. Pkt.	1/64 oz.	1/32 oz.
<b>Glamour</b> —Salmon rose, delicately veined brown in the creamy throat .....	\$1.75	\$2.75	\$5.00
<b>Supreme Strain</b> — Rose and pink shades .....	1.00	1.75	3.00
<b>Ruffled Monster Mixed</b> .....	.75	1.50	2.50

### DWARF GIANTS OF CALIFORNIA

(Approx. 160,000 seeds per oz.)

**Ramona Strain**—(Select) A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open, well-marked throats.

Tr. Pkt.	1/64 oz.	1/32 oz.	1/16 oz.
\$1.75	\$2.75	\$5.00	\$9.50

**Dwarf Continental Giants**—A selected dwarf strain in an exceptionally fine mixture.

Tr. Pkt.	1/64 oz.	1/32 oz.	1/16 oz.
\$1.50	\$2.75	\$5.00	\$9.50

**Multibloom Mixed**—This dwarf and vigorous strain is exceptionally free flowering, in a complete range of colors found in this type and having flowers which are equally as large and frilled as those found in the regular strain. Plants are a little more dwarf and spreading than the regular strain.

Tr. Pkt.	1/64 oz.	1/32 oz.
1.75	\$2.75	\$5.00

### BALCONY

	Tr. Pkt.	1/4 oz.	Oz.
<b>Black Prince</b> — Deep rich velvety crimson .....	\$ .40	\$2.25	\$6.75
<b>Blue</b> — Rich indigo .....	.40	2.25	6.75
<b>Crimson</b> — Velvety .....	.40	2.25	6.75
<b>Rose</b> — Brilliant .....	.40	2.25	6.75
<b>Balcony Rosy Morn</b> — Pink with white throat .....	.40	2.25	6.75
<b>White</b> —Pure white .....	.40	2.25	6.75
<b>Mixed Colors</b> .....	.40	2.25	6.75

### GRANDIFLORA SINGLE FRINGED

(Approx. 230,000 seeds per oz.)

	Tr. Pkt.	1/64 oz.	1/32 oz.
<b>Dainty Lady</b> —Very pale yellow.....	\$1.00	\$2.25	\$3.75
<b>Theodosia Improved</b> — Largest fringed rose, gold throat.....	.90	1.80	3.30
<b>White Beauty</b> .....	.75	1.50	2.75
<b>Fluffy Ruffles Mixed</b> .....	.60	1.50	2.75

### GRANDIFLORA SINGLE PLAIN EDGED

(Approx. 230,000 seeds per oz.)

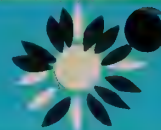
	Tr. Pkt.	1/64 oz.	1/32 oz.
<b>Blue Beauty</b> — Distinct shade of violet blue .....	\$ .75	\$1.50	\$2.75
<b>Dazzler</b> —Brilliant scarlet, compact .....	.75	1.50	2.75
<b>Dwarf Elks Pride</b> — Dwarf dark velvety purple .....	.85	2.00	3.50
<b>Pink Glory Improved</b> —Flame rose pink, very compact .....	.85	2.00	3.50
<b>Popcorn</b> —Pure white .....	1.50	2.75	5.00
<b>Royalty</b> —Large ruffled flowers in a combination of Purple and White .....	.85	2.00	3.50
<b>Snowstorm Improved</b> — Glistening white, shaded yellow in throat..	.85	2.00	3.50
<b>White Cloud</b> — Pure white, dwarf compact .....	.85	2.00	3.50





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# FLOWER SEEDS



## PHLOX *Drummondii*

(Approx. 17,500 seeds per oz.)

Annual phlox is an attractive bedding plant that endures summer heat. The compact plants are covered with flowers. Should definitely be recommended to your customers.

*Gloekner*

### SPECIAL STRAIN MIXED

This is an exceptionally dwarf strain of phlox especially adapted to pot culture for spring sales. The mixture of colors are well balanced and bright with fine individual flower heads.

This strain has been well tried in many localities as we have had it for a number of years in very limited quantities.

Tr. Pkt. \$1.00 1/4 oz. \$2.00 1/2 oz. \$3.50 Oz. \$6.00

## NANA COMPACTA

	Tr. Pkt.	1/4 oz.	Oz.
Apricot .....	\$ .40	\$1.00	\$3.25
Chamois Rose—Deep rose .....	.40	1.00	3.25
Fireball—Fiery red .....	.40	1.00	3.25
Isabellina—Yellow .....	.40	1.00	3.25
Salmon Pink .....	.40	1.00	3.25
Snow Ball—Pure white .....	.40	1.00	3.25
Mixed .....	.40	1.00	3.25

### Twinkle — (Dwarf Star Mixed) —

All-American — compact plants, good color range. Blooms very early in flats and continues well into the summer .....

.75 2.35 7.00

## GIGANTEA

A strain of Phlox Drummondii with flowers measuring 1 1/4 to 1 1/2 inches in diameter. The habit is erect and uniform, growing from 9 to 12 inches tall.

	Tr. Pkt.	1/4 oz.	Oz.
Art Shades Mixed .....	\$ .45	\$1.00	\$3.50



TWINKLE

## PORTULACA

(Approx. 307,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
Jewel—(Single)—Deep carmine .....	\$ .50	\$1.50	\$4.50

Double — Large flowering mixed			
Extra fine quality .....	.50	1.25	4.00

Single—Large flowering mixed .....	.25	.70	2.75
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## RICINUS

(Approx. 30 seeds per oz.)

### (CASTOR BEANS)

	Oz.	1/4 lb.	Lb.
Zanzibariensis Mixed—Very richly colored foliage. Enormous plant, on good soil growing 10' high.....	\$ .20	\$ .60	\$2.00

## SALPIGLOSSIS

(Approx. 105,000 seeds per oz.)

### EMPEROR OR SUPERBISSIMA

	Tr. Pkt.	Oz.
Finest Mixed .....	\$ .25	\$1.80

## SAPONARIA VACCARIA

January 15th sowing in shallow flats will flower for Mother's Day.

	Tr. Pkt.	Oz.
Rosea—Used in same manner as "Baby's Breath"; feathery pink flowers.....	\$ .25	\$1.00

## SCABIOSA (Old Maid's Pincushion)

(Approx. 4,000 seeds per oz.)

### LARGE FLOWERED TALL DOUBLE

Ageratum Blue—Mid blue

King of the Blacks—Reddish black

Loveliness—Salmon rose shades

Rosette

Shasta—Pure white, very large

Special Mixture

PRICES ABOVE: Tr. Pkt. \$ .30 Oz. \$2.50

### IMPERIAL GIANTS

Blue Moon — Flowers composed entirely of broad, heavy, wavy petals. Rich deep lavender blue.

Bridesmaid—Salmon pink shades.

Coral Moon—Deep and light shades of Salmon Rose.

Lavender Moon—Silvery lavender, long-stemmed.

Silvermoon—Purple paper white.

Imperial Hybrids Mixed — Large flowers with strong stems. Mixed salmon and rose shades.

### PRICES ABOVE:

Tr. Pkt. \$ .25 1/4 oz. \$ .75 Oz. \$2.25





## SALVIA SPLENDENS (Scarlet Sage)

(Approx. 7,500 seeds per oz.)

This beautiful scarlet-flowered annual is gaining in popularity and is constantly in demand by homeowners. From July until frost it blooms profusely and is handsome in combination with white and/or pink petunias. It also may be recommended to plant in borders beside chrysanthemums for a striking fall color display. Seed should be sown in March in flats to which bottom heat is given to speed germination. From seedling to finished plant, no soil sterilized with methyl bromide should be used.



### EARLY BLOOMING (Early July)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
<b>Blaze of Fire</b> —16 inches.....	\$ .85	\$2.25	\$7.25	\$24.00
<b>Fireworks</b> — 10-14 inches. Improves St. John's Fire in its earliness of bloom and dwarf compact growth .....	1.00	3.00	10.00	33.00
<b>Firemagic</b> —10-12 inches .....	1.00	3.00	10.00	33.00
<b>Harbinger</b> — 16 inch bright scarlet .....	.85	2.25	7.25	24.00
<b>Scarlet Pygmy</b> — 10" compact plants, early blooming .....	1.00	4.00	12.00	38.00
<b>St. John's Fire</b> —12-inch .....	1.00	2.75	9.00	30.00
<b>Toreador</b> —Dwarf, improvement of St. John's Fire .....	1.00	3.00	10.00	33.00

### MID BLOOMING (Mid July)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
<b>Firebrand</b> —18 inches .....	\$ .85	\$2.25	\$7.25	\$24.00

### SALVIA SCARLET PYGMY

### LATE BLOOMING (Late July)

	Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
<b>America</b> —(Globe of Fire) 20 in. ....	\$ .65	\$2.00	\$6.00	\$20.00
<b>Bonfire</b> — (Clara Bedman) 26 in. ....	.60	1.50	5.25	17.50
<b>Splendens</b> —Original late-flowering variety, 30 in. ....	.45	1.40	4.50	15.00
<b>Zurich</b> —25 inches .....	.65	1.50	5.25	17.50

### FARINACEA (Blue Sage)

	Tr. Pkt.	1/4 oz.	Oz.
<b>Blue Bedder</b> —Medium lavender-blue, 3 ft. ....	\$ .50	\$1.25	\$4.00
<b>Royal Blue</b> — More intense blue than above .....	.60	1.50	5.00

## PRIMULA

### ERIKSSON'S MALACOIDES

	Tr. Pkt.	1/64 oz.
<b>Glory of Riverside Imp.</b> — True rose pink. Strong grower .....	\$1.25	\$2.75
<b>White Giant</b> — An exceptionally strong grower and well adapted for combinations .....	1.25	2.75
<b>Mrs. Eriksson of Riverside</b> — A glowing rose-red. A very strong grower.....	1.25	2.75
<b>Lavender</b> —This variety contains the most beautiful shades of lavender.....	1.25	2.75
<b>Red</b> —An outstanding glowing red. Large flowered and heavy producer.....	1.25	2.75

### MALACOIDES

(Approx. 12,000 seeds per 1/32 oz.)

	Tr. Pkt.
<b>Springtime</b> —An attractive Salmon-pink that does not fade with age .....	\$2.00
<b>Flamingo</b> —Clear pink flowers, strong, compact plants .....	2.50

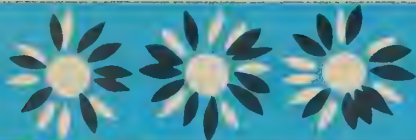
### OBCONICA

(Approx. 4,000 seeds per 1/32 oz.)

A valuable pot plant item which sells on sight. These brightly colored primulas are sown from January on for Christmas and early winter sales.

	Tr. Pkt.	1/64 oz.	1/32 oz.
<b>Fasbender Red</b> .....	\$1.50	\$2.75	\$5.00
<b>Mohnstein Red</b> .....	1.50	2.75	5.00
<b>Mueller Rose</b> .....	1.50	2.75	5.00
<b>White</b> — (Snowstorm).....	1.50	2.75	5.00
<b>Blue</b> .....	1.50	2.75	5.00
<b>Mixed</b> .....	1.50	2.75	5.00





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# FLOWER SEEDS



## STOCKS

(Approx. 18,700 seeds per oz.)

### Non-Branching

#### EXCELSIOR COLUMN STOCKS

**Apricot**—Large flowered  
creamy buff

**Dark Blue**

**Deep Apricot**

**Gardenia**—Shimmering  
glistening white

**Malmaison Pink**—Blush  
pink

**Pacific Pink**—A true pure pink Stock, extremely good under artificial light. Cream base with a touch of salmon. Does not have bluish cast of other pink and rose-pink Stocks.

**Pacific White**—Vigorous, very early, well-spaced florets which force well.

PRICES ABOVE: Tr. Pkt. \$1.25 ¼ oz. \$2.75 Oz. \$10.00

**Rose Pink**—Clear rose  
pink

**Royal Purple**

**Ruby**—Rich crimson red

**Silvery Lilac**—Lavender

**White**

**Yellow Wonder** — Rich  
creamy yellow with full  
double florets well ar-  
ranged on long spikes.

### Branching

#### GIANTS OF CALIFORNIA

The Giants of California can be grown similarly to the non-branching type. When grown this way, the side shoots should be removed. For the retail grower the branching types are gaining popularity. These should be planted 8 x 8 inches and topped when 6 inches tall to produce side shoots of sufficient length.

**Pacific**—Blue

**Red Woods**—Blood red

**Santa Barbara**—Chamois

**Santa Maria**—White

**Tahoe**—Lavender

**Yosemite**—Rose pink

PRICES ABOVE: Tr. Pkt. \$ .40 ¼ oz. \$1.40 Oz. \$4.50

#### BISMARCK (Early Giant Imperial)

This class continues to be popular with the florists for a cut flower. It is also excellent for bedding.

**Buttercup**—Rich yellow

**Chamois**—Ivory, tinted old  
rose

**Dark Blue or Purple**

**Elk's Pride**—Rich deep  
purple

**Fiery Blood Red**

**Flesh**—Bright flesh

**Golden Rose**—Light gold-  
en rose

**Lavender**—Silvery lilac  
**White**

PRICES ABOVE: Tr. Pkt. \$ .40 ¼ oz. \$1.25 Oz. \$4.00

#### DWARF TEN-WEEK

Large Flowering for Pot Plants and Bedding

**Blood Red**

**Canary Yellow**

**Carmine**

**Deep Rose**

**Lavender**

**Purple**

**White**

**Mixed**—All colors

PRICES ABOVE: Tr. Pkt. \$ .30 ¼ oz. \$1.00 Oz. \$3.00

### TRYSONIC GIANT IMPERIAL

Years of research went into producing Trysonic Stock that produces 85 per cent or more double-flowered plants. When the seedlings reach the four-leaf stage, pick out the small, weak ones that will develop into singles and insure close to 100 per cent double-flowering plants.

**Fiery Red**

**Bright Rose**

**Chamois**—Buff-pink

**Lilac Lavender**

**Navy Blue**

**Canary Yellow**

**White**

**Choice Blend**

#### PRICES ABOVE:

Tr. Pkt. \$1.75 ¼ oz. \$2.75 ¼ oz. \$5.00 Oz. \$18.00

### STOCK CULTURE

Stocks are very satisfactory for Winter and Spring flowering. Sowing the seed in August and benching in October, the first flowers may be cut before Christmas if additional light (40-60 watt lamps spaced 5 feet) is used. Without this aid, the crop will come into flower in January. Continuity of bloom may be obtained by successive sowings to about the middle of February. This non-branching type, which has come into general use, should be planted 3 inches in the row and 6 inches between rows, producing a single stem. The branching types should be planted 8 x 8 inches and topped when 6 inches tall to produce side shoots of sufficient length.

Flowering of stocks only occurs when the temperatures are below 60 degrees for the greater part of the night. To secure the greatest percentage of doubling, the largest and most vigorous plants should be selected.

### SOWING DATES FOR NON-BRANCHING STOCKS

Time of sowing	Flowering
August 1.....	January
September 1.....	February
October 1.....	March
November 1.....	April
December 1.....	May
January 1.....	Mother's Day
February 1.....	June
February 15.....	June 15

### SCHIZANTHUS

(Approx. 43,000 seeds per oz.)

Late summer sowing planted after early Chrysanthemums should flower in March. If additional light is used from October 25, blooming will start in January.

	Tr. Pkt.	¼ oz.
<b>Dr. Badger's Hybrids</b> —A brightly colored large-flowered strain of medium height. Suitable either for pots or cutting.....	\$ .50	\$1.25
<b>Brilliant Blend</b> —Dark, bright colors, suitable for cutting. If properly pinched will make a good plant .....	.60	3.25
<b>Excelsior Compactus Mixed</b> —Very dwarf (10" approx.) for pots.....	.60	3.25

### SHAMROCK

For effective plants on March 17 seed is sown between Christmas and New Years on top of prepared pots as thickly as you would sow grass seed. This insures nice saleable pots.

	Tr. Pkt.	¼ oz.	Oz.
<b>True Irish</b> .....	\$ .20	\$ .35	\$1.20





*Gloekner*

# FLOWER SEEDS



## SWEET PEAS

(Approx. 340 seeds per oz.)

### SUMMER FLOWERING

#### \*—SIX BEST

##### WHITE

\*Gigantic—White-black seeded  
Snow White

##### LAVENDER

King Lavender—Clear lavender  
\*Highlander—Pure lavender  
Powerscourt—Large lavender

##### PINK

\*Pinkie—Large rose pink  
\*Crony—Shrimp pink  
Floradale—Rich salmon pink on  
cream ground  
Pink Frills—Rich cream pink

##### BLUE

Reflection—Clear mid blue  
Flagship—Deep navy blue

##### RED

\*Welcome—Dazzling scarlet  
Rubicund—Crimson scarlet

##### ORANGE

\*Orange Flare  
Tangerine Improved—Fiery orange

PRICES: Oz. \$ .40      ¼ lb. \$1.25      Lb. \$4.00

### EARLY WINTER FLOWERING

##### PINK

Annie Laurie—Pure rose pink  
Ball Rose Improved—Cerise pink  
Jeanne Mamitsch—Cerise pink  
Josie—Brilliant rose pink, long stems  
Laddie Improved—Long stemmed  
giant rose, pink  
Rose Queen Improved—Rose pink  
Shirley Temple—Delightful soft rose  
pink

##### BLUE

Blue Bonnet—Best clear blue  
Mrs. Herbert Hoover—Clear blue  
Princess Blue—Rich belladonna blue

##### ORANGE

Ball Orange Improved—Clear deep  
orange  
Sequoia—Golden salmon cerise,  
large flowers  
Treasure Island—Sparkling shades  
of golden orange  
Valencia—Sunproof orange

##### LAVENDER

Fragrance—Clear lavender  
Harmony—Clear lavender  
Lavanda—Clear lavender  
Memory—Clear rosy lavender  
Triumph—Lilac mauve, long stemmed  
Twilight—Lavender, with larger flow-  
ers than Harmony, which is nearest  
this color; vigorous grower

##### RED

Bright Light—Flaming scarlet  
Fiesta—Red  
Grenadier—Dazzling scarlet  
Mrs.—Rich deep crimson  
Pride—Pure deep even cerise  
Signal Red—A real sunproof scarlet  
of great brilliance

##### WHITE

Hope—(Black Seeded) Pure white  
Snowstorm—White  
White Harmony—(Black Seeded)

PRICES: Oz. \$ .55      ¼ lb. \$1.65      Lb. \$6.00

### STATICE SINUATA (Improved)

Heavenly Blue—Bright  
clear skyblue  
Kemp's Tall Improved—  
Deepest blue  
Lavender  
Market Rose—(New)

Rosea Superba  
Snow White—Greatly  
improved white  
Yellow—(Bonduelli)  
New Superb Hybrid  
Mixed

#### PRICES ABOVE:

Tr. Pkt. \$ .25      Oz. \$ .75      ¼ lb. \$2.50      Lb. \$7.50

### MULTIFLORA CLASS

A new, free-flowering class of Sweet Pea which produces many stems with five and six flowers. Stems are exceptionally long as well, making this a profitable market variety.

**Lavender**—Giant size blooms on exceedingly long stems.

**Orange Cerise**—Characterized by its vivid color and large flowers.

**Rose**—Vigorous grower with large, medium-rose flowers.

**Salmon Pink**—Rose-pink flowers with tinge of salmon. Four and five flowers to the stems which are long but not so strong as the other varieties in the class.

• **Whirlwind**—Considered the best white of the group. Five or six flowers of a light rose are borne on strong 14-inch stems. Vigorous grower.

**White**—Pure white flowers, many fives, are carried on strong stems. Good for wedding work.

#### PRICES:

½ oz.	Oz.	4 oz.	Lb.
\$1.10	\$2.00	\$6.65	\$20.00

### SPRING FLOWERING CUTHBERTSON STRAIN

This class of sweet Pea replaces Spring-Flowering of types previously offered. Indoors, seed sown November 1st will bloom in April. The Cuthbertson Class is recommended for sowing after November 1. It needs strong spring sun to bloom.

It is exceptionally successful outdoors, in the North, flowering two weeks later than the Early Flowering, and two to three weeks earlier than the Summer Flowering.

**Billy**—Bright cerise rose on salmon

**Carol**—Strong growing clear pink

**Coline**—Vigorous sunproof scarlet

**Danny**—Navy blue

**Doris**—Deep cherry rose

**Evelyn**—Salmon cream pink

**Frank G.**—Strong growing lavender

**Jimmy**—Deep scarlet

**Janet**—A pure black seeded white

**Jessie**—Wavy flowers of clear satin mauve

**Lois**—Rose pink on white background

**Tommy**—Clear medium blue

**Mixed**

#### PRICES:

½ oz. \$ .35	1 oz. \$ .55	¼ lb. \$1.65
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### STATICE SUWOROWII

#### RUSSIAN OR RAT TAIL STATICE

	Tr. Pkt.	Oz.
Long Lavender Spikes—Useful statice for greenhouse forcing .....	\$ .30	\$3.00

### SWEET WILLIAM (Annual)

**Wee Willie**—Very dwarf and compact plants. Flowers crimson, ruby, rose-pink and white.

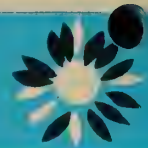
Tr. Pkt. \$ .55	¼ oz. \$1.80	Oz. \$5.50
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*Gloekner*

# FLOWER SEEDS



## VERBENA

(Approx. 10,000 seeds per oz.)

Excellent for window boxes or combinations, Verbenas are also popular for bedding. To hasten germination seed should be sown in a 65° soil temperature. Because the plants tend to sprawl, they are easier to handle during the bedding sale season if they are pinched back early. Once established they may be grown at 50° night temperature.

### DWARF COMPACTA (An Extra Dwarf Type)

<b>Dazzle</b> —(New)—Solid, scarlet-red flowers			
<b>Splendor</b> —(New)—Royal purple with clear white eye			
Tr. Pkt. \$ .75	¼ oz. \$2.25	Oz. \$6.75	

**Crystal**—Pure white flowers produced in abundance

**Delight**—Coral-pink suffused salmon

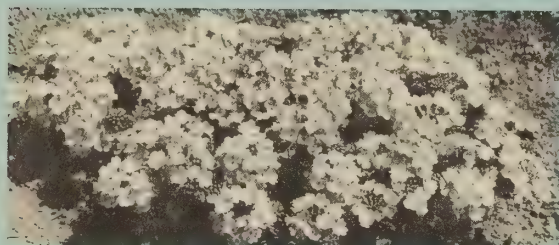
**Sparkle**—Bright scarlet red with large white eye

**Sparkle Hybrid Mixed**—Neat dwarf compact habit.

Plants completely covered with giant size florets. Complete color range.

#### PRICES ABOVE:

Tr. Pkt. \$ .50	¼ oz. \$1.50	Oz. \$4.50
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**Verbena Delight**

### BUSH-TYPE

These new "Bush-Type" Verbenas are becoming very popular for their uniform, vigorous and upright growth. Eight to ten inches high, the plants are topped with a dense mass of flower heads.

**Firelight**—Vivid solid red

**Roselight**—Bright rose, white eye

**Salmon Queen**—Salmon-pink

**Snow White**

**Starlight**—Blue, cream eye

**Bush Type Blend**—Brilliant mixture of above

#### PRICES ABOVE:

Tr. Pkt. \$ .55	¼ oz. \$1.30	Oz. \$4.00
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### THUNBERGIA — BLACK EYE SUSAN

(Approx. 1,300 seeds per oz.)

Tr. Pkt. ¼ oz. Oz.

**Alata**—Climbing or trailing plants producing an abundance of flowers in shades of yellow, buff and orange with black centers..... \$ .25 \$ .60 \$1.80

### TORENIA

(Approx. 375,000 seeds per oz.)

Tr. Pkt. ⅓ oz. ¼ oz.

**Fournieri**—Rich combination of deep blue with violet splotches on lip. Good for Combinations, Pot Plants and Bedding..... \$ .50 \$1.25 \$2.25



A fine mixture of dwarf Verbena for spring bedding plant sales. The plants are very dwarf in habit and have a splendid range of colors containing many of the eye types through the mixture.

Especially adapted to growing in 2¼" and 3" pots.

Tr. Pkt.	¼ oz.	½ oz.	Oz.
\$1.00	\$2.00	\$3.50	\$6.00

### HYBRIDA GRANDIFLORA GIGANTEA

A popular bedding plant due to its free flowering qualities. Seed must be sown early to get good plants for Spring.

**Beauty of Oxford Hybrids**—Rose pink to rose shades

**Cerise Queen**—Salmon cerise

**Crimson Glow**—Glowing crimson

**Giant Salmon Pink**—Salmon pink with white eye

**Lavender Glory**—Large lavender with light eye

**Luminosa**—Fiery pink shading to salmon

**Marilyn**—A fiery cerise rose with small cream eye

**Royale**—Blue with creamy eye

**Spectrum Red**—Intense bright red

**Sutton's Blue**—Deep royal blue without eye

**Vivid**—Very bright sunproof scarlet red

**White**—Pure white

**Mixed**

#### PRICES ABOVE:

Tr. Pkt. \$ .45	¼ oz. \$1.25	Oz. \$3.75
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### VINCA

An excellent Bedding Plant. Sow seed in August or September.

**Little Pinkie (Coquette)**—Plants attain height of approx. 10" and flowers are a rose-pink, glossy deep green foliage. Free flowering.

Tr. Pkt. \$ .45	⅓ oz. \$ .85	¼ oz. \$1.35	1 oz. \$4.50
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**Alba Pura**—Pure white

**Kermesina**—Crimson

**White with eye**

**Rosa**—Pink

Tr. Pkt. \$ .30	¼ oz. \$ .60	Oz. \$2.00
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*Gloeckner*

# FLOWER SEEDS



## ZINNIAS

### GIANT CALIFORNIA OR MAMMOTH FLOWERED

(Approx. 3,150 seeds per oz.)

This type has rapidly gained in popularity. The plants, which are three to four feet in height, are taller than the Dahlia Flowered class and have long stems which adapt them for use as a cut flower. The large flat flowers with imbricated petals give a graceful effect. Their colors are brilliant and clear.

**Pink Lady**—New bi-color with pink center and cream and buff outer petals.  
Tr. Pkt. \$ .85      1/4 oz. \$2.50      Oz. \$7.50

**Brightness**—Bright pink  
**Cherry (Cerise) Queen**—Rich crimson  
**Crimson Queen**—Rich crimson  
**Daffodil Improved**—Canary yellow  
**Enchantress**—Light rose, deep rose center  
**Golden Queen**—Golden yellow  
**Grenadier**—Bright, dark red  
**Isabellina**—Creamy buttercup  
**Lavender Queen**—Deep rosy lavender  
**Miss Willmott**—Soft pink  
**Orange King**—Cadmium or orange scarlet  
**Orange Queen**—Golden orange  
**Purity**—White, best white in Zinnias  
**Rose Queen**—Striking bright rose  
**Salmon Queen**—Salmon rose  
**Scarlet Queen**—Glowing deep scarlet  
**Violet Queen**—Deep purple  
**Finest Mixed**—From named varieties

#### PRICES ABOVE:

Tr. Pkt.	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	Lb.
\$ .30	\$ .50	\$ .80	\$1.50	\$5.00	\$15.00

### NEW CENTURY

**Mixed**—Sturdy plants averaging about 2 1/2-3', produce large double blossoms. Mixture contains shades of pink, rose, salmon, yellow, orange, and gold.

Tr. Pkt. \$ .75      1/4 oz. \$2.00      Oz. \$6.00

### DAHLIA FLOWERED (Approx. 3,000 seeds per oz.)

#### BODGER'S GOLD MEDAL STRAIN

The center petals of this popular class incurve giving the blooms a deep, full appearance.

**Canary Bird**—Rich canary yellow  
**Crimson Monarch**—Deep crimson, flowers very large  
**Dream**—Deep lavender  
**Eldorado**—Salmon apricot  
**Exquisite**—Light rose, deep rose center  
**Golden Dawn**—Golden yellow  
**Golden State**—Golden orange  
**Illumination**—Deep rose self  
**Luminosa**—Bright deep pink  
**Oriole**—Orange and gold bicolor turning deep orange  
**Polar Bear**—Large pure white  
**Purple Prince**  
**Scarlet Flame**—Bright scarlet  
**Will Rogers**—Brilliant scarlet red  
**Finest Mixed**

#### PRICES ABOVE:

Tr. Pkt.	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	Lb.
\$ .30	\$ .50	\$ .85	\$1.50	\$5.00	\$14.50

### FANTASY (Approx. 4,600 seeds per oz.)

**Finest Mixed**—A bright colorful mixture of shaggy petaled medium sized double flowers, excellent for cutting.

#### PRICES ABOVE:

Tr. Pkt. \$ .30      1/4 oz. \$ .60      Oz. \$1.80

### ELEGANS PUMILA DOUBLE

(Approx. 4,200 seeds per oz.)

<b>Canary Yellow</b>	<b>Snowball</b>
<b>Crimson</b>	<b>Sunshine Tints</b> —pastel shades
<b>Golden Orange</b>	<b>Tangerine</b> —Orange red tinge
<b>Pinkie</b> —Rose pink	
<b>Salmon Rose</b>	
<b>Scarlet</b>	

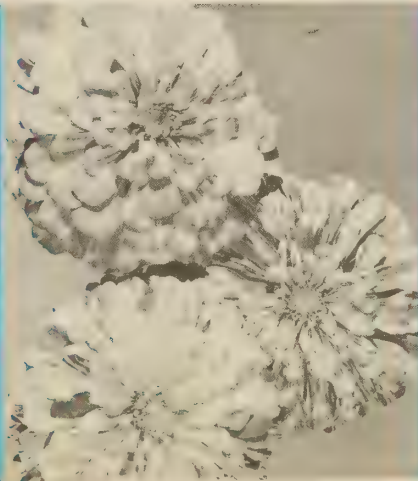
#### PRICES ABOVE:

Tr. Pkt. \$ .30      Oz. \$1.50      1/4 lb. \$5.00

TURN PAGE FOR MORE ZINNIAS



New Century

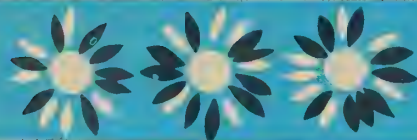


Ortho Polka



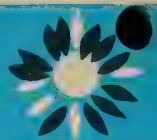
Super Crown O'Gold





*Gloekner*

# FLOWER SEEDS



## ZINNIAS

(Continued from page 27)

### GIANT CACTUS FLOWERED

(Approx. 3,100 seeds per oz.)

	Tr. Pkt.	1/4 oz.	Oz.
<b>Blaze</b> —Mandarin-red .....	\$.50	\$1.00	\$3.00
<b>Burpee Hybrids</b> — Varied mixture of brilliant colors and blends.....	.40	.75	2.50
<b>Eskimo</b> — Flowers open creamy white changing to pure white as they mature. Needle petals not twisted .....	.40	.75	2.50
<b>Floradale Scarlet</b> — Vibrant red with twisted petals .....	.40	.75	2.50
<b>Ice Cream Imp.</b> — Large cactus flowered hybrid, true cream yellow .....	.50	1.25	3.75
<b>Merry-Go-Round</b> — This is a real bi-color with cactus and semi-cactus flowers. Colors contrast very sharply in each flower. The following are a few examples of what this mixture consists of: brilliant red, with outer edge of gold; deep purple, edged pure white; scarlet red edged snow-white; and many shades of pink, salmon, and rose, edged pure white .....	.75	2.00	6.00
<b>Pride of Deldrin</b> — Bi-colored flowers, golden orange outside deepening to scarlet in the centers. Vigorous plants .....	1.00	1.50	4.00
<b>Riverside Beauty</b> —Luminous pink with curled and twisted petals.....	.40	.75	2.50
<b>Sunny Boy</b> — Rich buttercup yellow, flat reflexed petals.....	.40	.75	2.50
<b>Miss Universe</b> — Originator claims this Zinnia has exceptionally large flowers. They are deep and full and a complete color range with a bushier, more compact habit than the taller Zinnia. Not a true cactus type .....	.40	1.25	3.75



### GAILLARDIA FLOWERED (Navajo)

(Approx. 5,400 seeds per oz.)

	Tr. Pkt.	Oz.
<b>Finest Mixed</b> —Bi-colors; mellow tones.....	\$.35	\$1.50

### GRACILLIMA (Red Riding Hood)

	Tr. Pkt.	Oz.
<b>Deep Scarlet</b> — Miniature red flowers, 1 ft. - 2 ft. ....	\$.25	\$1.50

### IMPROVED HAAGEANA TYPE

	Tr. Pkt.	1/4 oz.	Oz.
<b>Persian Carpet</b> —Double miniature flowers of colorful variegation.....	\$.50	\$1.50	\$4.50

### SUPER CROWN O'GOLD

(Approx. 3,140 seeds per oz.)

Each petal of the flower is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip.

	Tr. Pkt.	1/4 oz.	Oz.
<b>Pastel Tints</b> —Wide range of pastel shades .....	\$.25	\$.50	\$1.50

### ORTHO POLKA

Large, fully double flowers produced on 3' plants. Flowers are striped, dotted and mottled in contrasting colors. Blooms twice as large as Peppermint Stick and of better substance.

Tr. Pkt.	1/4 oz.	1 oz.
\$.50	\$1.25	\$3.75

### IMPROVED LILLIPUT

(Approx. 4,000 seeds per oz.)

(Pompon or Baby Zinnias, Special Florists' Strains)

The Lilliputs are among the most popular Zinnias for cut flower use. The flowers are small, compact and symmetrical, on strong stemmed 1 1/2 ft. plants.

Canary Gem	Purple Gem
Crimson	Rosebud
Dainty Gem	Salmon Gem
Golden Gem	Scarlet Gem
Lilac Gem	White Gem
Pink Gem	Pastel Mixture
Finest Mixed	

#### PRICES ABOVE:

Tr. Pkt.	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.	Lb.
\$.30	\$.50	\$.80	\$1.50	\$5.00	\$15.00

### LILLIPUT TOM THUMB

(Approx. 5,900 seeds per oz.)

	Tr. Pkt.	Oz.
<b>Mixture</b> —Plants 4"-6", compact with well formed flowers of the Lilliput type. In red, orange, yellow, pink, rose and pastel shades .....	\$.35	\$1.50

**Peppermint Stick** — Contains a wide color range of Pumila-type flowers, 60% of which are beautifully striped. An improvement over previous striped strains.

Tr. Pkt.	1/4 oz.	Oz.
\$.35	\$.75	\$2.25





# PERENNIALS

Home gardeners are discovering the landscape beauty of the easy-to-grow perennials listed on these pages. No spring sales yard is complete without a wide selection of perennials in baskets or pots for them to choose from. At present the most popular are *Alysum saxatile*, *aquilegia*, English daisy, *cerastium*, Siberian wallflower, *campanula*, shasta daisy, *coreopsis*, foxglove, *gaillardia*, *heuchera*, candytuft, *scabiosa*, sweet William, and *viola cornuta*. Seed is best sown in spring for germination is better when the weather is cool. The young plants are spaced in beds in early summer and they winter over well for spring sales. Indoor-sown seed in January or early February also produces saleable spring plants, many of which will be in bloom. Plan now to round out your plant offerings with the popular perennials.



Iberis



Scabiosa

## ACHILLEA

- The Pearl (Ptarmica)**—Double pure white borne in dense heads ..... 1/4 oz. **\$1.25** **\$ .30**
- Cloth of Gold (Filipendula)**—Large heads of golden yellow flowers on long stems. Good for cutting..... 1/4 oz. **\$1.25** **.30**

## AGROSTEMMA

- Coronaria Atrosanguinea**—Deep blood red..... **\$ .20** **\$ .60**

## ALYSSUM

- Saxatile Compactum** — Dwarf shrubby habit with dense heads of golden-yellow flowers. Blooms from early spring through June and grows 4 to 12 inches high ..... **\$ .20** **\$1.20**

## ANCHUSA

- Italica Dropmore** — Flowers resemble clusters of giant Forget-me-nots and are turquoise blue. Plants attain a height of 3 to 5 feet and bloom during June and July ..... **\$ .25** **\$ .60**
- Myosotidiflora**—Produces large sprays of tiny blue Forget-me-not flowers above large heart-shaped leaves ..... 1/8 oz. **\$1.35**; 1/4 oz. **\$2.50** **.45**

## ANTHEMIS

- Kelwayi**—One of the best of the hardy Marguerites, produces yellow daisy-like flowers over a long season ..... **\$ .35** **\$1.10**
- Tinctoria, Perry's Variety** — An improved form, of deep golden yellow ..... **.30** **1.60**

## ARMERIA

- Formosa Hybrida**—Various shades of rose pink. 1/4 oz. **\$1.40** **\$ .40**

## ARABIS

- Alpina White**—Attains a height of 6". The plant flowers very early and is of a spreading nature. The white flowers which appear from early spring to May are so numerous that no foliage is visible... **\$ .30** **\$2.00**

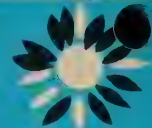
## ASTER

- Alpinus Mixed**—Plants attain a height of about 9" suitable for rockery, or front of borders, where they make a nice display during May and June. 1/4 oz. **\$1.95** **\$ .60**

## ASCLEPIAS

- Tuberosa**—Very showy and popular plant bearing flowers of brilliant orange scarlet during July and August ..... **\$ .35** **\$3.90**





AQUILEGIA



CAMPANULA



DIANTHUS



English Daisy

### AQUILEGIA

	Tr. Pkt.	Oz.
Coerulea—Rocky Mountain Blue Columbine. Clear blue with a white corolla.....	1/4 oz. \$1.25	\$ .40 \$3.75
Crimson Star Hybrids—Bicolor dark red with white. 1/8 oz. \$1.75; 1/4 oz. \$3.00		.60
McKanas Giant — Large long spurred flowers. A bright mixture of colors.....	Tr. Pkt. 1/4 oz. \$1.00	Tr. Pkt. 1/4 oz. \$3.00 \$9.00
Long Spurred Blue Shades.....	1/8 oz. \$1.10	Tr. Pkt. \$ .60
Long Spurred Orange and Scarlet Shades.....		.60 4.50
Mrs. Scott Elliott's Hybrids—The most popular Columbine.....		.50 4.50
Longissima—Extra long spurred pale yellow. 1/8 oz. \$3.00; 1/16 oz. \$1.80		.60
Rose Queen—Pink with white corolla.....		.50 4.50
Snow Queen—The largest pure white.....		.50 4.50

### BELLIS (English Daisy)

	Tr. Pkt.	1/4 oz.
Perennis Monstrosa (Pink, Red, White Mixed).....	\$ .60	\$3.75

### CAMPANULA

**Calycanthemum**—(Cup and Saucer). One of the most showy of this group. The flowers are large on stalks that attain a height of about 2 feet. Good for cutting.

	Tr. Pkt.	Oz.
Blue .....	\$ .25	\$1.75
Lilac .....	.25	1.75
Pink .....	.25	1.75
White .....	.25	1.75
Mixed .....	.25	1.75

**Persicifolia**—(Peachleaf, Bellflower). This variety grows from 2 to 3 feet tall and produces flowers that are more shallow than bell shaped and has foliage that is long, narrow and very graceful.

	Tr. Pkt.
Blue—Very hardy .....	\$ .50
Alba—Very hardy .....	.50

**Pyramidalis**—The Chimney-Bellflower is one of the tallest Campanulas attaining a height of about 5 feet. Its long stalks of flowers start blooming in August and continue for several weeks.

	Tr. Pkt.
Alba .....	\$ .40
Blue .....	.40

**Rotundifolia**—Scotch Harebell is an attractive flower producing little bells of blue during late spring and continuing over a long season. Grows 12" tall .....

.60

### CARNATION

	Tr. Pkt.	1/4 oz.
Early Vienna—Very dwarf .....	\$ .60	\$2.75
Grenadin Mixed .....	.60	2.00

### CENTAUAREA

	Tr. Pkt.	Oz.
Montana—Has numerous deep blue flowers resembling Centaurea Cyanus on plants growing about 1 1/2 feet tall. Flowers early .....	\$ .30	\$1.80

### CERASTIUM

	Tr. Pkt.	Oz.
Tomentosum—Snow In The Summer is a very descriptive name for this low-growing plant. Grows about 6" high. Its small white flowers are produced in June. Excellent for rockeries.....	\$ .30	\$2.00

### CHEIRANTHUS (SIBERIAN WALLFLOWER)

	Tr. Pkt.	Oz.
Allioni—The Siberian Wallflower, a biennial, produces its bright orange flowers on 15" spikes from May to September. To keep plant blooming, flowers must be cut.....	\$ .20	\$ .45





## CHRYSANTHEMUM (SHASTA DAISY)

	Tr. Pkt.	Oz.
<b>Alaska</b> —Most popular of all. Large pure white blooms on excellent stems. Starts blooming in June and continues for some time...	\$ .25	\$1.40
<b>May Queen</b> —(Spring Marguerite)—Medium sized flowers.....	.50	1.50
<b>Mayfield Giant</b> —Extremely large flowers measuring three to four inches in diameter. Strong robust growth, 2½ to 3 ft. tall.....	.25	1.50

## COREOPSIS

	Tr. Pkt.	Oz.
<b>Mayfield Giant</b> —Deep golden yellow, large flowers, early.....	\$ .25	\$ .90
<b>Double Sunburst</b> —Large, golden yellow, fully double flowers.....	.25	1.10

## DELPHINIUM (See Page 12)

## DIANTHUS

	Tr. Pkt.	Oz.
<b>Plumarius Double Mixed</b> —The grass, or Garden Pinks, are low-growing plants, which bloom early in the spring.....	\$ .45	\$5.25
<b>Deltoides Brilliant</b> (Maiden Pink)—Deep rose, 8".....	.50	

## DIGITALIS (FOXGLOVE)

Flowers during June and July. The flowering spike grows well over three feet in height with individual tubular or bell-shaped flowers, placed close on the side of the strain.

	Tr. Pkt.	Oz.
<b>The Shirley</b> —Giant hybrids, spotted throats.....	\$ .35	\$3.00

## GAILLARDIA

Blanket flowers are showy and of easy culture. They begin to flower in June and continue until frost.

	Tr. Pkt.	Oz.
<b>Burgundy</b> —Copper scarlet self .....	\$ .30	\$2.50
<b>Dazzler</b> —Large rich red flowers with orange tip. Fine for cutting...	.30	1.90
<b>Goblin</b> —Dwarf, compact .....	.40	2.90
<b>Portola Hybrids</b> —Red with golden tips. Excellent for cutting.....	.30	2.00

## GEUM

This plant which flowers from May to October is useful for cutting and can also be used for borders and rockeries.

	Tr. Pkt.	Oz.
<b>Mrs. Bradshaw</b> —Brilliant scarlet. Double flowers. Good for cutting	\$ .30	\$2.90
<b>Lady Stratheden</b> —Double golden yellow, Excellent for cutting.....	.30	2.90

## GYPSOPHILA

One of the daintiest of old-fashioned flowers. The plants are covered with small blooms all during the summer. The tall growing varieties are good for cutting, while the dwarf forms are useful for edgings and rock gardens.

	Tr. Pkt.	Oz.
<b>Paniculata</b> —(Single)—Hardy, graceful sprays of white flowers.....	\$ .25	\$1.00
<b>Pacifica</b> —Rose, 4 ft., blooms when paniculata varieties have passed. Excellent for cutting .....	.40	3.75
<b>Repens Rosea</b> —Light rose 6", fine rock plant.....	.40	3.75
<b>Repens White</b> —6", fine rock plant.....	.40	3.75

## HEUCHERA

One of the most desired of the smaller growing plants. The plants of Sanguinea are compact, bushy and grow in tufts with flower stems about 1½ feet high, blooming in mid-summer.

	Tr. Pkt.	1/8 oz.
<b>Sanguinea</b> —Fine for cutting .....	\$ .60	\$3.00

## HOLLYHOCK — CHATERS DOUBLE

<b>Black Gem</b> —Maroon	<b>Newport Pink</b>
<b>Chamois</b>	<b>Salmon Rose</b>
<b>Enchantress</b> —Deep rose	<b>Virgin Queen</b> —White
<b>Fire King</b> —Scarlet	<b>Mixed</b>
<b>Golden Drop</b> —Sulphur	

Tr. Pkt. \$ .35

Oz. \$1.70



**Hollyhock**



**FOXGLOVE**



**HEUCHERA**



**GAILLARDIA**





## IBERIS

Low-growing plant that grows about 9 to 12" tall, and spreads out making mats which are covered with flat dense clusters of flowers from the end of April through June.

	Tr. Pkt.	Oz.
Gibraltarica—Lilac .....	\$ .30	\$1.50
Sempervirens—White .....	.60	4.75

## LAVENDULA — SWEET LAVENDER

	Tr. Pkt.	1/4 oz.
Munstead's Strain—Well-known fragrant hardy perennial. Always in good demand .....	\$ .40	\$1.25

## LIATRIS

Long spikes 4 to 5 feet tall of rosy purple. Flowers during August and September.

	Tr. Pkt.	Oz.
Pycnostachya—Rosy purple. Fine for cutting.....	\$ .35	\$3.00

## LINUM

	Tr. Pkt.	1/4 oz.	Oz.
Perenne—(Flat)—Blue. 1 1/2 ft. tall.....	\$ .30		\$ .90
Flavum—Yellow. 2 ft. tall.....	.30	\$ .85	2.50

## LYCHNIS

	Tr. Pkt.	Oz.
Chalcedonica—Flowers in June. Produces several flower stems over 3 ft. tall with immense heads of vermilion scarlet flowers.....	\$ .25	\$1.50

## MYOSOTIS

	Tr. Pkt.	Oz.
Alpestris Victoria—Grows about 6" tall and is compact in growth. Produces its clear blue flowers beginning in April.....	\$ .60	\$4.75
Palustris Semperflorens—Beginning blooming about May and continues until fall .....	.40	3.25

## PRIMULA

Hardy Primrose are showy plants that have small dainty flowers during April. The plants grow about 6 to 8 inches tall.

	Tr. Pkt.	1/4 oz.
Auricula Alpine .....	\$1.00	\$5.00
Veris Munstead's Strain .....	1.25	5.25

## PYRETHRUM

These are excellent for cutting. The bright colored daisy-like flowers are produced on long stems. Plants grow about 2 to 3 ft. tall and flower in June.

	Tr. Pkt.	1/4 oz.
Hybridum Single Mixed .....	\$ .60	\$5.50
Double Mixed .....	1/8 oz. \$1.60; 1/4 oz. \$2.75	.60 8.25

## SAPONARIA

	Tr. Pkt.	Oz.
Ocymoides—Rose .....	\$ .30	\$2.10

## SCABIOSA

Plants grow about 2 to 3 ft. tall producing their flowers on long wiry stems from June to September. Good for cutting.

	Tr. Pkt.	Oz.
Caucasica Isaac House Hybrids—Improved strain. Flowers range from lavender to dark blue. Excellent for cutting.....	\$ .45	\$4.00
Caucasica Lavender—Good cut flower .....	.35	2.75

## STATICE

	Tr. Pkt.	Oz.
Caspia—Lilac. Fine for table decoration.....	\$ .40	\$2.75
Dumosa—Silvery gray flowers. Good cut flower.....	.40	2.75
Latifolia—Deep blue flowers. Fine for cutting.....	.30	2.00

## SWEET WILLIAM

	Tr. Pkt.	Oz.
Scarlet Beauty—Scarlet red .....	\$ .40	\$2.60
Single Mixed .....	.40	2.60
Double Mixed .....	.40	2.60
Dwarf Alpinus Midget Mixed—Early flowering type of Sweet William, consisting of light and dark colors, mixed. Height 4 to 6 inches. Suitable for border or rock garden planting.....	1/4 oz. \$1.50	.60 4.75

## TRITOMA

	Tr. Pkt.	Oz.
Hybrids—(Red Hot Poker) .....	\$ .45	\$2.40

## VERONICA

	Tr. Pkt.	Oz.
Spicata—Grows about 1 1/2 ft. tall and produces its bright blue flowers during June .....	\$ .50	\$4.00

## VIOLA CORNUTA

	Tr. Pkt.	1/4 oz.	Oz.
Admiration—Large dark blue .....	\$ .60		\$6.00
Chantreyland—Pure apricot .....	.60	\$2.00	
Arkwright Ruby—Wonderful large rounded flowers of ruby crimson with terra cotta and darker markings. Fragrant.....	.60	2.00	6.00
Blue Perfection—Large flowered fine light blue .....	.60	2.00	6.00
Lutea Splendens—Golden yellow .....	.60	2.00	6.00
Papilio—Blue and white .....	.60	2.00	

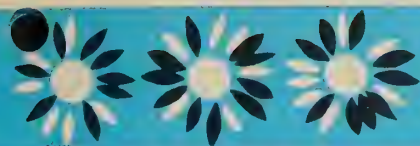


Primula



Viola





Gloeckner

## VEGETABLE SEEDS



## TOMATO

	Oz.	1/4 lb.
<b>Bonny Best</b> (73 days)—A general purpose tomato. Fruits evenly colored scarlet-red, medium large .....	\$ .75	\$2.25
<b>Break O'Day</b> (73-75 days)—Early wilt resistant, globe-shaped sort. Fruits large, scarlet of good quality.....	.90	3.00
<b>Crimson Cushion</b> (Red Beefsteak).....	1.00	3.25
<b>Dwarf Champion</b> — Dwarf and treelike. Ideal for limited space. Pink fruit.....	1.00	3.25
<b>Earliana</b> (64-66 days)—Particularly valuable for home garden and early market. Fruit medium size flattened .....	.90	3.00
<b>Giant Tree</b> —(Italian Potato Leaf)—A pink tomato of large size. The large smooth fruits have few seeds. Flesh is tender and mild..... 1/4 oz. \$1.20	3.50	12.00
<b>Globe "A" (Forcing)</b> — Improved. Developed by Ohio State Experiment Station —Pink fruits a little larger than regular Globe. Ships well..... 1/4 oz. \$2.50	8.00	
<b>Golden Queen</b> —Large yellow fruit, mild flavor .....	.80	2.70
<b>Jubilee</b> —Fruits bright golden orange with few seeds. (72 days). 1/4 oz. \$ .30; 1/2 oz. \$ .50	.90	3.00
<b>Manalucie (New)</b> —Mid season red. Extra disease resistant .....	1.00	3.00
<b>Marglobe</b> (75-78 days)—Resistant to Fusarium wilt. Fruits uniform deep scarlet, globe shape and of distinct quality.....	.60	2.00
<b>Master Marglobe</b> (75-78 days)—HIGHLY resistant and heavily productive.....	1.20	4.00
<b>Michigan State Forcing</b> — Developed at Michigan State College. Very productive under restricted light conditions. Fruits deep scarlet, globe shaped, are borne in clusters of five to eleven. 1/4 oz. \$ .50	2.00	
<b>Oxheart</b> — Heart shaped. Pink fruit, mild flavor .....	1.10	3.70
<b>Ponderosa</b> (85 days)—One of the best for home use. Fruits purplish-pink, very fleshy with few seeds, of very mild flavor .....	.90	3.00
<b>Pritchard (Scarlet Topper)</b> —Wilt resistant, heavily productive. Fruits large, globular, scarlet and well colored about the stem end .....	.75	2.50

## F1 HYBRIDS

**Cucumber — Burpee Hybrid** — High resistance, vigor and long production, make this a truly outstanding variety.

1/2 oz.	1 oz.	1/4 lb.
\$2.20	\$4.25	\$12.75

**Egg Plant — Burpee Hybrid** — Vigorous, continuous producer. Highly resistant to drought and disease. Fruits medium size.

1/4 lb.	1/2 oz.	1 oz.
\$4.00	\$7.00	\$12.00

**Tomato—Burpee Big Boy Hybrid®**—One of the largest F1 Hybrid Tomatoes. Fruits are firm, smooth, deep globe, scarlet of excellent flavor and quality. Mid season producing continuously until frost.

® Registered Trademark of W. Atlee Burpee Co.

**Tomato—Wonder Boy**—Extremely large, flavorful red fruit.

1/3 oz.	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.
\$4.50	\$8.50	\$16.00	\$30.00	\$98.00

Oz. 1/4 lb.

**Rutgers** (78 days)—Highly recommended for second early maturing variety for canning and tomato juice. Fruits similar in shape to Marglobe. Uniformly colored flesh .....

\$ .90 3.00

**Stokesdale** (70-73 days) — Early suitable for shipping. Fruits uniform deep scarlet, globe shape .....

.85 2.75

**STOKESCROSS No. 5:** Maturing 75 days, average size of fruit 4.7 ounces. This is perhaps the strongest F2 of the hybrid yet produced. It is recommended for market or for processing, and is an excellent producer. This new cross is a magnificent tomato which carries enthusiastic endorsement as one of the finest hybrids ever produced.

Tr. Pkt.	1/4 oz.	1 oz.	1/4 lb.
\$ .75	\$1.25	\$3.50	\$12.00

**Stone Improved** (85 days) — Very solid fruit scarlet red, flat shape.....

Oz. 1/4 lb.

\$ .65 2.20

**Valiant**—Early red .....

.90 3.00

## HERBS

Customers will be buying herbs this spring as never before, for the garden and home magazines have been playing up their culinary uses as well as their garden beauty. Meet this demand with young plants in bands and flats.

**Anise, Basil, Borage, Chervil, Coriander, Dill, Sweet Fennel, Savory**

Each: Tr. Pkt. \$ .20 Oz. \$ .60

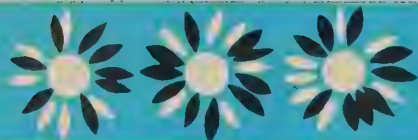
**Sweet Marjoram, Sage**

Each: Tr. Pkt. \$ .20 1/2 oz. \$ .60

**Rosemary, Thyme**

Each: Tr. Pkt. \$ .20 1/4 oz. \$ .60





## BROCCOLI

	Oz.	1/4 lb.
<b>Italian Green Sprouting</b> — (Early strain). Vigorous early type forming large compact central heads and very few laterals .....	\$ .40	\$1.35

## BRUSSELS SPROUTS

	Oz.	1/4 lb.
<b>Long Island Improved</b> — Plant dwarf and compact .....	\$ .60	\$2.00

## CAULIFLOWER

	1/4 oz.	Oz.
<b>Early Snowball "A"</b> (Dwarf Erfurt) — One of the most satisfactory early strains of Snowball .....	\$ .80	\$2.50
<b>Snowdrift</b> — Heads large firm and snow white .....	.80	2.50

## CELERY

	Oz.	1/4 lb.
<b>Golden Yellow Self Bleaching</b> — Standard early market variety .....	\$1.50	\$5.00
<b>Golden Plume</b> — Early, non-bolting variety. Fine flavor, solid and tender .....	1.50	5.00
<b>Giant Pascal</b> — Stems thick, of fine quality, rich nutty flavor. An excellent variety .....	1.50	5.00

## CABBAGE

	Oz.	1/4 lb.
<b>Copenhagen Market</b> —Early, round headed variety. Excellent quality .....	\$ .65	\$2.00
<b>Danish Ball Head (Penn State Strain)</b> —Most popular late variety. Good keeper .....	.75	2.50
<b>Early Jersey Wakefield (Yellows Resistant)</b> — The earliest oblong variety. Sure header, small heads, suitable for home gardens .....	.45	1.55
<b>Golden Acre (Yellow Resistant)</b> — The earliest resistant cabbage developed. A SOLID ROUND HEAD OF MEDIUM SIZE .....	.65	2.00
<b>Wisconsin All Season (Yellows Resistant)</b> —A main crop yellow resistant cabbage. Round head, good quality .....	.90	3.00
<b>Mammoth Red Rock</b> — Best red variety. Good keeper, round head .....	.60	2.00
<b>Marion Market (Yellows Resistant)</b> — A resistant Copenhagen Market matures a trifle later .....	.60	2.00
<b>Premium (Late) Flat Dutch</b> — Large late variety. Very good quality, excellent keeper .....	.60	2.00
<b>Savoy, Chieftan</b> — Earlier than standard market varieties of Savoy. Plant medium short stemmed .....	.60	2.00

## EGG PLANT

	Oz.	1/4 lb.
<b>Black Beauty</b> — An extra early, large variety with few seeds .....	\$ .60	\$2.00
<b>Fort Myers Market</b> —High bush variety. Heat and disease resistant .....	.80	2.70
<b>Improved New York Purple</b> — Popular home and market garden variety .....	.75	2.25



**Black Beauty (Left)**  
**Improved New York Purple (Right)**

## LETTUCE

	Oz.	1/4 lb.
<b>Bibb (Forcing)</b> —Plant small forming a small loosely folded head, leaves thick, deep green, slightly fringed with brown .....	\$ .30	\$1.00
<b>Black Seeded Simpson</b> — Ideal mid-summer leaf variety, will withstand heat and drought .....	.20	.70
<b>Grand Rapids Forcing</b> —The leading greenhouse forcing leaf variety, but may be grown successfully outdoors .....	.25	.80
<b>Big Boston</b> — A large headed variety for mid-summer and fall use .....	.25	.70
<b>Iceberg</b> — Crisp heading variety for home and market .....	.30	1.00
<b>Imperial 847</b> — Crisp heading variety of medium size. Leaves smooth, thick and light green .....	.50	1.70
<b>Romaine</b> (Cos or White Paris self folding)—Medium tall plants with firm spoon shaped straight edged outer leaves .....	.30	1.00
<b>Salad Bowl</b> —Improvement over Oak Leaf. Early, stands summer heat exceptionally well. Loose leaf variety .....	.75	2.50

## ONION

	Oz.	1/4 lb.
<b>Prizetaker</b> —Large, globular, yellow. Flesh coarse and mild .....	\$ .70	\$2.30
<b>White Sweet Spanish</b> —White with clear glistening skin. Globe-shaped .....	.70	2.30
<b>Yellow Sweet Spanish</b> (Utah Strain) — Globe-shaped, keeps extra well .....	.70	2.30

## PARSLEY

	Oz.	1/4 lb.
<b>Extra Triple Curled</b> (Moss Curled)—Plants compact leaves dark and finely cut .....	\$ .20	\$ .50

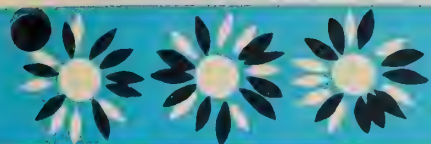
## PEPPER

	Oz.	1/4 lb.
<b>All Big</b> —(Sweet)—Shaped like World Beater but darker and longer .....	\$1.20	\$4.00
<b>California Wonder</b> (Sweet)—Much used, particularly by market growers. Large green fruits practically as early as Ruby King .....	.70	2.50
<b>Cayenne Long Red</b> (Hot) — A leading sort for use in pickles, for canning and for drying. Fruits long, tapered, and very pungent .....	.60	2.00
<b>Floral Gem</b> (Bull Nose or Large Bell)—Hot, medium sized fruits, deep green .....	1.00	3.35
<b>Golden California Wonder</b> —Golden fleshed type .....	1.00	3.35
<b>Hungarian Yellow Wax</b> (Hot)—Yellow very early. Fruits long, tapered. Waxy light yellow .....	.75	2.50
<b>Oakview Wonder</b> (Early California Wonder) — Sweet, productive .....	1.20	4.00
<b>Pimento</b> (Sweet)—Standard variety for home and market garden. Fruits heart-shaped and very smooth .....	.75	2.50
<b>Ruby King</b> (Sweet) — A favorite for home and market garden. Fruits large and slightly tapered. Bright red .....	.65	2.25
<b>Sweet Banana</b> (Hungarian Yellow Wax Sweet)—Plants vigorous, erect. Fruit about 7" long, 2" thick .....	1.00	3.35
<b>World Beater</b> (Sweet)—An early sort. Fruits large, oblong; flesh thick and sweet. Bright red .....	.60	2.00

## RADISH

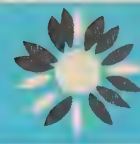
	Oz.	1/4 lb.
<b>Improved Scarlet Globe</b> —Very early sort, valuable for out of door culture and for forcing. Uniform, rich bright, scarlet, flesh white .....	\$ .15	\$ .45
<b>Scarlet Turnip, White Tip</b> —Popular variety, small top. Root bright scarlet with white area about the tip .....	.15	.40
<b>White Icicle</b> —The best early white variety. Roots long, tapered, very white throughout .....	.20	.40





# Gloeckner

# FLOWER SEEDS



## MISCELLANEOUS SUPPLIES

### BIRD BANDS

(Per 1000)

	1 1/2 x 1 1/2 x 2 1/2	1 3/4 x 1 3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4
Vita Band 10	\$ 4.80	\$ 5.15	\$ 5.40	\$ 5.90	\$ 6.40	\$ 7.10	\$ 9.20	\$11.45
Vita Band D	4.85	5.15	5.35	6.05	6.30	7.05	9.25	11.60
Vita Band H		6.10	6.45	7.55	8.10	8.50	10.45	12.90

### BIRD POTS

(Per 1000)

	2"	2 1/4"	2 1/2"	3"	3 1/2"	4"	5"	6"
Vita Pots	14.60	14.95	15.50	17.40		25.70	33.40	
Red Pots	9.00	9.00	9.10	9.60	12.80	15.50	19.00	23.40
Vita Green Pots		7.25	8.35	13.40	14.95	17.25		
Bird Peat Pots		7.25		13.40				

### BIRD PERENNIAL POTS

Excellent for many varieties of perennials, roses, bulbs, vines and shrubs.

Sold in units of 1000 only

Height	Top Diameter	Per 1000
5 1/2"	5"	\$47.50
6 1/2"	6"	58.50
9 1/2"	7"	69.00

### GRO-TAINERS

200 per case

Per 1000

No. 2	7 7/8 x 5 7/8 x 2 3/8	\$44.00
No. 3	8 3/8 x 6 7/8 x 2 3/8	58.00
No. 4	9 1/8 x 7 3/8 x 2 3/8	68.50

### JEFFY POTS

Molded Peat, Pot-Growing Container

Per 1000

2 1/4" (Packed 3000 per carton)	
3,000 to 18,000	\$ 7.25
21,000 up	6.75

3" (Packed 1500 per carton)

1,500 to 9,000	\$13.25
10,500 up	12.25

5 cartons and up prepaid

### SLUGIT

Sprayed over soil and plants this new material controls slugs and snails. Acts as both a stomach and contact insecticide. Is effective for about two weeks. Apply with a Bordeaux-type nozzle. One gallon covers about 4800 square feet.

1 gal. can \$12.00

### WOOD VENEER PLANT BANDS

(Stapled)

	Bands Only 1000	Bands with Bottoms 1000
1 3/4 x 1 3/4 x 2 1/2"	\$5.40	\$8.30
2 x 2 x 2"	5.40	8.30
2 x 2 x 2 1/2"	5.50	8.40
2 1/4 x 2 1/4 x 2 1/2"	5.70	8.50
2 1/2 x 2 1/2 x 2 1/2"	5.80	8.70
2 x 2 x 3"	5.80	8.70
2 1/2 x 2 1/2 x 3"	6.00	8.70
3 x 3 x 3"	6.60	9.20
3 x 3 x 4"	6.80	9.20
4 x 4 x 3"	6.90	10.20
4 x 4 x 4"	7.80	11.10

Unstapled bands  
\$1.00 less per 1000

### LIGHT WOOD FLATS

(Flats Without Bands)

	100	1000
#00—Holds Dozen 1 3/4 x 1 3/4 x 2 1/2 Bands	\$3.90	\$37.00
#000—Holds Dozen 2 x 2 x 3 Bands	4.10	39.00
#0000—Holds Dozen 2 1/2 x 2 1/2 x 3 Bands	4.80	43.00
#X—Holds Six 3 x 3 x 3 Bands	4.00	40.00

### CANE STAKES

Bamboo, dyed green, of pencil thickness. Packed 2000 per bale.

12 inch to 5 feet  
At Market Prices

### HYACINTH STAKES

Split bamboo, dyed green in bales of 5000 sticks.

12, 15, 18 and 24 inch  
At Market Prices

### PLAS-TIES

Plastic covered wire plant tie, durable and non-fading.

	1-2 Cartons Per Carton	3 Cartons and Up Per Carton
4" (10,000 per Carton)	\$10.00	\$ 9.50
8" (10,000 per Carton)	18.00	17.00
12" (5,000 per Carton)	13.50	12.50

### ROOTONE

A plant hormone powder for rooting cuttings and increasing root growth.

2 oz.	\$1.00
1 lb.	5.00

### PANO-DRENCH 4

An excellent liquid soil drench used to control damping-off caused by soil borne fungi (especially Rhizoctonia) on flowers and vegetables. For use in all soils, sands, on flats, pots, benches and outside beds. Just one to two teaspoons diluted with 3 gallons of water produces effective control. A 4 oz. bottle makes up to 72 gallons of drench—treats 300-400 sq. ft.

1 oz.	4 oz.	16 oz.
\$1.95	\$5.95	\$19.20

## FERTILIZERS

### WATER SOLUBLE FERTILIZERS

#### PETERS MIXED FERTILIZERS

(Packed in 25 lb. bags only)

	1-3 bags per 25 lb. bag	100 to 975 lbs.	1000 to 1975 lbs.	2000 lbs. up
15-15-15 Geranium Special	\$6.50	\$ .22	\$ .21	\$ .20
20-5-30 Potash Special	6.50	.22	.21	.20
21-7-7 Azalea Neutral (non-acidifying)	6.50	.22	.21	.20
21-7-7 Azalea Acid (heavy acidifying action)	6.50	.22	.21	.20
16-4-12 Easter Lily Special	6.50	.22	.21	.20
25-10-10 Maryland Special	6.50	.22	.21	.20
25-0-25 Low Phosphate Special	6.50	.22	.21	.20
40-3-3 Nitrogen Special	6.50	.22	.21	.20
15-30-15 Phosphate Special	7.00	.24	.23	.22
20-20-20 General Purpose Feed	7.00	.24	.23	.22
25-5-20 Carnation Special	7.00	.24	.23	.22
10-30-20 Orchid Special	7.50	.28	.26	.24

### HIDROPON

10% Nitrogen—12% Phos. Acid  
25% Potash

A most unusual combination of many soluble plant foods. Trace elements mostly chelates and other products added but not claimed.

#### MADE BY THE MAKERS OF ELECTRA

Price: \$8.00 (25 lbs.)

\$12.00 (50 lbs.) \$20.00 (100 lbs.)

### LIQUID "M" POWDERED

17% Nitrogen—24% Phos. Acid  
18% Potash

Trace elements mostly as chelates and other products added but not claimed.

#### MADE BY THE MAKERS OF ELECTRA

Price: \$8.00 (25 lbs.)

\$12.00 (50 lbs.) \$20.00 (100 lbs.)

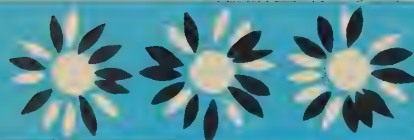
### ELECTRA (5-10-3)

A highly organic fertilizer designed especially for florists. Contains major, minor and trace elements needed for plant growth.

80 lbs. \$6.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



*Gloekner*

# FLOWER SEEDS



## INSECTICIDES *Fungicides & Fumigants*

ARAMITE 15W .....4-lb. bag \$ 3.20

CHLOROBENZILATE 25W .....4-lb. bag \$ 3.20  
Case (12, 4-lb. bags) 52.80DDT—50 WETTABLE .....4 lbs. 2.00  
48 lbs. (12, 4-lb. bags) 20.00

ENDRIN 1.6 .....1 gal. 11.90

FERBAM (FERMATE) .....3 lbs. 2.00  
Case (12, 3-lb. bags) 21.00

### FULEX

#### Parathion Fumigators

For Red Spiders, Aphids and Thrips on florist crops.  
Carton (24 cans)2,000 cu. ft. ....\$11.50 10,000 cu. ft. ....\$17.00  
5,000 cu. ft. .... 14.50 20,000 cu. ft. .... 26.00

#### Aphid-Smoke Fumigators

For Aphids and Adult White Flies on florist crops.  
Carton (24 cans)2,000 cu. ft. ....\$11.00 10,000 cu. ft. ....\$17.00  
5,000 cu. ft. .... 14.00 20,000 cu. ft. .... 25.00

#### Spider-Mite Fumigators

For Red Spiders, including some Parathion-resistant strains on carnations, chrysanthemums and snapdragons.

Carton (24 cans)

2,000 cu. ft. ....\$11.50 10,000 cu. ft. ....\$19.00  
5,000 cu. ft. .... 14.50 20,000 cu. ft. .... 31.00

GRASSELLI SPREADER STICKER ..... 1 gal. 7.95

KELTHANE EMULSION 18.5 .....gal. 11.00  
Case (4-1 gal.), per gal. 10.80KELTHANE WETTABLE 18.5 .....4-lb. bag \$ 5.80  
Case (12, 4-lb. bags) 52.80MALATHION 4 lb. 25% wettable powder..... 3.60  
1 gal. 50% emulsion..... 14.80

MILDEX .....3-lb. bag 6.70

NICOTINE FUMIGATORS (Fulex)—Gives efficient results on Greenhouse Aphids and most Thrips. Contains 14% nicotine (alkaloid).  
10,000 cu. ft. size (carton of 12)..... 9.60  
20,000 cu. ft. size (carton of 12)..... 16.20

OPTOX (10% DDT) .....gal. 12.00

ORTHOCIDE 50W (Captan).....Carton (10, 5-lb.) 42.50  
5 lbs. 4.75PLANTFUME 103 ..... 5,000 cu. ft. carton—36 12.00  
20,000 cu. ft. carton—12 12.00

PARATHION SPRAY (15% Wettable).....4-lb. bag 2.70

### PARZATE

Powder .....3-lb. bag 3.30  
Case (36 lbs.) 36.00P-40 .....25 lbs. 20.00  
50 lbs. 37.50 100 lbs. 70.00SODIUM SELENATE (Pure).....4 oz. 4.00  
1 lb. 12.50SNAROL .....6 lb. 2.00  
50 lbs. 9.75

SNAILICIDE .....5 lbs. 4.00 20 lbs. 13.00

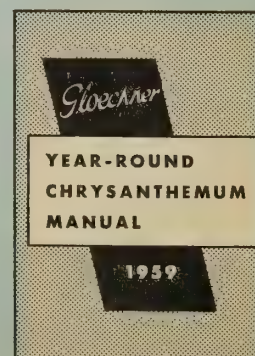
TERRACHLOR 75WP—Controls rhizoctonia stem rot by inhibiting growth of fungus.....5 lb. 4.75  
Case (10, 5-lb. bags) 45.00

VAPATONE XX .....1-gal. can 12.50

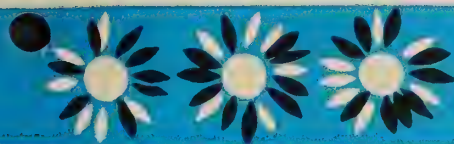
We can supply you with any insecticide or fungicide not listed above. Prices subject to change without notice.



For your bulb and foliage plant requirements see your *Gloekner* representative. Consult him on your Chrysanthemum and Carnation plants and send for your *Gloekner* Carnation and Chrysanthemum Manuals. They are available upon request.







*Gloekner*

**FLOWER SEEDS**



## F<sub>1</sub> HYBRID Multiflora Single Petunias

	Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
Alpha Red .....	\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$35.00	\$60.00
Alpha Blue .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Aztec—Brilliant scarlet with gold throat .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Bo-Peep—Deep rose pink, plain edged flower with white throat on dwarf compact plants .....	1.75	3.50	6.50	12.00	20.00		
Glitters—All America—Brilliant scarlet tipped with white. Plants very dwarf and compact .....	2.50	4.50	8.00	15.50	30.00	57.00	\$108.00
Commanche—Very deep scarlet red .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Inca—Bright rose-red with gold throat .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Jack Frost—Pure white flowers literally cover the plants. An improvement over Pale Face .....	1.75	3.50	6.50	12.00	20.00		
Linda—Clear, light salmon-pink .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Masquerade—Dwarf compact bicolor of violet blue and white.....	1.75	3.50	6.50	12.00	20.00		
Miss Muffet—Rich salmon scarlet with golden throat. Petals slightly fringed .....	1.75	3.50	6.50	12.00	20.00		
Mohawk—Bright rose pink .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Neptune—Medium violet blue .....	1.75	3.50	6.50	12.00	20.00		
Ophelia—Light salmon-pink similar to Linda. Uniform in color and growth habit .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Paleface—Pure white .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Peach Satin—A salmon-pink with satiny sheen. Extreme floriferousness and resistance to splitting .....	2.25	4.00	7.50	14.50	26.00	46.00	82.00
Pink Satin—Plant is globe shaped, dwarf and compact. Flowers a brilliant rose-pink, accentuated by a small white area deep in the throat of the bloom.....	2.25	4.00	7.50	14.50	26.00	46.00	82.00
Pink Sensation—Clear pink .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Red Satin—All-America—Non-fading brilliant orange-scarlet flowers on compact globe-shaped plants .....	2.25	4.00	7.50	14.50	26.00	46.00	82.00
Robin Hood—Scarlet red-golden throat .....	1.75	3.50	6.50	12.00	20.00		
Rose Charm .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Satellite—Bright rose with white star. The color is bright and with the white contrasting star makes an outstanding display .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Silver Medal—Salmon rose .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
Sioux—Medium tone salmon .....	1.75	3.50	6.50	12.00	20.00	35.00	60.00
The Clown—Salmon red and white striped flowers. The variegations are even and prominent, plant habit dwarf and compact .....	1.75	3.50	6.50	12.00	20.00		
Pow-Wow Mixed—A blend mixture of the Red Skin Petunias with a few unnamed varieties added to give color balance.....	1.75	3.50	6.50	12.00	20.00	35.00	60.00



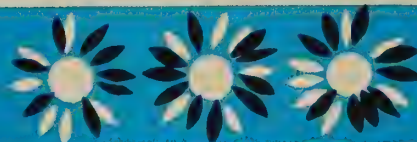
**RED SATIN**

LIBRARY  
RECEIVED  
★ JAN 20 1959 ★  
U. S. Department of Agriculture

**PINK SATIN**







Gloekner

## F<sub>1</sub> HYBRID GRANDIFLO



**PRIMA  
DONNA**



**BLUE LUSTRE**



**BALLERINA**



**Ballerina**—Soft glowing salmon .....

**Blue Lace** — (Blue Tango) — Dwarf fairly compact variety. Color is light violet blue with deeper pencilling .....

**Blue Lustre** — Displays an attractive series of blue shades. Fully opened flowers have a light hue with warm reddish undertone during hot weather. The old flowers silver to a distinct mid-blue. The general effect is a lighter and livelier blue than other strains. Plants 1 foot tall, spread 2 feet, but no barren areas appear in the middle of the plant.....

**Blue Mantle**—Dwarf fringed, large violet blue.....

**Blue Magic**—Blue about the color of Admiral. Dwarf and compact .....

**Bonfire**—Plain edge, salmon scarlet with gold throat....

**Crusader**—Large well fringed intense rose and white flowers striped and blotched .....

**Fairyland**—Dwarf fringed, light salmon pink .....

**Fire Dance** — (All America) — Brilliant salmon-scarlet with yellow throat. Uniform dwarf plants. Flowers deeply fringed .....

**Fire Gleam**—Bright salmon scarlet .....

**Flirt**—Plain edge, clear pink .....

**La Paloma**—Pure white .....

**Lavender Lace**—Bright rosy lavender with rich plum purple pencilling. Dwarf compact plant with flowers ruffled and fringed .....

**Maytime**—(All-America Selection 1958)—An enchanting shade of clear, light salmon-pink with slightly deeper veining. Flowers measure 3½ to 4 inches in diameter. Plants 1 foot tall, 24 inches wide. Free flowering, ideal for pots and bedding.....

**Minstrel**—White ground, marked rich blue.....

**Pink Charm**—Carmine rose .....

**Prima Donna**—Bright rose pink .....

**Sabre Dance**—Crimson red with a white star in a uniform constant pattern .....

**Scarlet Lustre**—Brilliant scarlet with gold throat. Large flowers that are slightly ruffled with some fringing....

**Snow Cap**—Pure white flowers, similar to Popcorn, dwarf vigorous grower .....

**Snow Lady**—Large pure white, well fringed in dwarf habit .....

**Tango**—Deep scarlet salmon .....

**White Magic**—Dwarf fringed, white, heavy producer....

**Ballet Mixed** — A complete blending of F<sub>1</sub> Hybrid Petunias .....



# FLOWER SEEDS



## DRA SINGLE PETUNIAS

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.
\$2.50	\$4.50	\$ 8.00	\$15.50	\$30.00	\$57.00	\$108.00

2.50	4.50	8.00	15.00	30.00
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CRUSADER



3.00	5.50	10.00	19.00	36.00	69.00	129.00
1.75	3.50	6.50	12.00	20.00	36.00	65.00

2.50	4.50	8.00	15.50	30.00	57.00	108.00
1.75	3.50	6.50	12.00	20.00	36.00	65.00

2.50	4.50	8.00	15.50	30.00	57.00	108.00
1.75	3.50	6.50	12.00	20.00	35.00	60.00

2.50	4.50	8.00	15.50	30.00	57.00	108.00
1.75	3.50	6.50	12.00	20.00	35.00	60.00

1.75	3.50	6.50	12.00	20.00	35.00	60.00
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2.50	4.50	8.00	15.50	30.00	57.00	108.00
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2.50	4.50	8.00	15.50	30.00	57.00	108.00
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SABRE DANCE



2.50	4.50	8.00	15.50	30.00	57.00	108.00
1.75	3.50	6.50	12.00	20.00	35.00	65.00

1.75	3.50	6.50	12.00	20.00	35.00	60.00
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2.50	4.50	8.00	15.50	30.00	57.00	108.00
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2.50	4.50	8.00	15.50	30.00	57.00	108.00
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3.00	5.50	10.00	19.00	36.00	69.00	129.00
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1.75	3.50	6.50	12.00	20.00	36.00	65.00
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1.75	3.50	6.50	12.00	20.00	36.00	65.00
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2.50	4.50	8.00	15.50	30.00	57.00	108.00
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2.50	4.50	8.00	15.50	30.00	57.00	108.00
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2.50	4.50	8.00	15.00	30.00	57.00	108.00
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BLUE MAGIC



TURN PAGE  
FOR MORE  
PETUNIAS





*Gloekner*

**FLOWER SEEDS**



## ALL-DOUBLE PETUNIAS

**GLOECKNER'S All Double Mixed**—Consisting of the best of the all double petunias.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$7.60	\$14.45	\$28.00

### PAN AMERICAN

This is an exceptionally fine strain of All-Double Petunias bred and grown in the United States. It is considered one of the leading strains and has large double flowers in the most popular colors.

**Allegro** — Bright deep salmon, scarlet salmon buds. Flowers dwarf, vigorous and free blooming.

**Caprice**—Brilliant rose pink, dwarf growing vigorous compact. A very popular color.

**Nocturne**—Deep midnight purple, the deepest color in Petunias.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$7.50	\$14.45	\$28.00

**Presto**—(New)—A nice bright color, mixture consisting of about half rose and white variegated, and half salmon and white variegated.

**Rhapsody**—Wine purple.

**Sonata**—Pure white, semi-dwarf with deeply fringed flowers.

#### PRICES ABOVE:

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.50	\$8.50	\$16.00	\$29.50

**Glorious Mixture**—A balanced complete mixture of all the above varieties.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$7.50	\$14.45	\$28.00

### VICTORIOUS & GIANT VICTORIOUS

**Attraction** — Rich bright rose and contrasting white variegation. Pure white

**Blue Brocade**—Violet blue

**Cheerful**—True clear pink, large flowered

**Gaiety**—Light rose red. Variegated white markings

**Pure White**

**Purple Queen**—Exceptionally large flowered, brilliant rich purple shaded velvety blue

**Rosy Carmine**—(World Beauty)—Bright rose

**Salmon Shades**—Consists of variations of salmon rose shades, large flowered and well fringed

**Sunset Giant**—Brilliant deep salmon shaded scarlet. Bright colored, fully doubled, well fringed

**White Swan**—Large double flowers, very well fringed

**Victorious Mixed**

#### PRICES ABOVE:

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$6.50	\$12.00	\$22.00

**Canadian Mixed Improved**—This mixture has been improved by the addition of more rose pink and salmon shades.

Tr. Pkt.	1/128 oz.	1/64 oz.	1/32 oz.
\$4.00	\$7.60	\$14.45	\$28.00



**NEPTUNE**

(See page 17 for description)



**CAPRICE**





## INDEX

A	Page	K	Page
Agatheia	8	Kalanchoe	12
Ageratum	8	Kochia	13
Alyssum	8		
Amaranthus	8	L	
Antirrhinum	1, 2, 3, 4	Larkspur	13
Asparagus	8	Linaria	13
Aster	5, 6	Lobelia	13
		Lupinus	13
B			
Balsam	8	M	
Begonia	7	Marigold	14, 15
Bells of Ireland	8	Mignonette	14
Browallia	8	Mimosa	14
		Myosotis	14
C			
Calceolaria	9	N	
Calendula	9	Nasturtium	14
Candytuft	9	Nemesia	14
Carnation	9	Nicotiana	14
Celosia	8	Nierembergia	14
Centauria	9		
Cherry (Xmas)	8	P	
Chrysanthemum	9	Pansy	16
Cineraria	10	Peppers (Ornamental)	14
Clarkia	9	Petunias	17, 18, 19, 20, 21
Coleus	11	Phlox	22
Cosmos	11	Portulaca	22
Crossandra	11	Primula	23
Cuphea	11		
Cyclamen	10	R	
		Ricinus	22
D			
Dahlia	11	S	
Delphinium	12	Salpiglossis	22
Dianthus	11	Salvia	23
Didiscus	11	Saponaria	22
Dracaena	11	Scabiosa	22
Dusty Miller	9	Schizanthus	24
		Shamrock	24
E		Statice	25
Euphorbia	11	Stocks	24
Exacum	11	Sweet Pea	25
		Sweet William	25
F			
Feverfew	11	T	
Freesia	11	Thunbergia	26
		Torenia	26
G			
Gaillardia	11	V	
Gerbera	11	Verbena	26
Gloxinia	12	Vinca	26
Gomphrena	11		
Grevillea	11	Z	
Gypsophila	11	Zinnias	27, 28
I			
Impatiens	13		
Ipomea	12		
PERENNIALS	29-32		
VEGETABLES	33-34		
SUPPLIES & INSECTICIDES	35-36		



PETUNIA MAYTIME SEE PAGE 18

MARIGOLD CRACKERJACK SEE PAGE 15



Fred C.  
**Gloeckner**  
 &  
 Company,  
 Incorporated

15 EAST 26th STREET  
 NEW YORK 10, NEW YORK





*Gloeckner*

1959

FLOWER SEEDS • CARNATION  
AND CHRYSANTHEMUM MANUALS

